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# Editorial



**'The secret of the change is to focus all of your energy not on fighting the old,  
but on building the new one'.**

**Dear Aspirants,**

It's often said that change is the only constant in life we must accept the change as we are living in an era of breathtaking changes of productivity, technology, brand etc. Change is simply a path and reminder of success.

MICA which has consistently remained the first choice, a pioneer in your guaranteed success is now available with improved and revised edition. The layout has been redesigned to make it reader friendly.

This edition of our very own monthly magazine brings some very important articles which are extracted from the burning topics of the month. Manushi Chhillar made us proud by bringing back the Miss World 2017 crown. All the important facts about this beauty pageant is covered under 'Miss World 2017'. For the first time in our nation 'World Food India 2017' has been celebrated at a very huge level. Many countries participated in the event in which many MOUs have been signed and a Guinness book of world record is also made. Another burning topic was the famous and fatal 'Winter air pollution' which is commonly known as 'Delhi Smog'. We have seen our national capital converting into a gas chamber. So it is essential to know everything about it. Our country has faced a major change last year i.e. Demonetisation. As this remarkable day completes one year, so we are discussing its impacts under 'Demonetisation: a year after'. Along with all the special feature articles, our regular columns such as News maker, Infocus, News diary will cover everything you need to know in current affairs.

We hope you like this new edition of our very own MICA.

Wishing you all the very best for your upcoming examinations.

With Best Wishes  
Mahendra Publication Pvt. Ltd.

**"Your Success is Our Success"**





## PERSONAL DETAILS

### Arpit

**Father's Name :** Krishna Gopal

**Mother's Name :** Sneh Kapur

**Hobbies :** Playing Cricket & Interaction with People

**Prior Selection :** This is my first selection

**Name of the Exam :** Bank of Baroda (PO)

**Roll No. of Qualified Exam :** 7113008024

**Roll No. of Mahendra Institute :** PDH0271462463



classroom test and topic wise discussion helped a lot.

**MICA :** How did you prepare for the examination?

**ARPIT :**

#### English Language

Newspaper reading especially the editorials, Study materials provided by the institution and regular practice tests.

#### Reasoning

Classroom discussions and practicing through speed tests.

#### Quantitative Aptitude

This subject requires regular practice hence practicing through regular speed tests is very useful.

#### General Awareness

Daily current affairs and regular newspaper reading is the key to clear this section.

#### English Descriptive

Editorial columns of various newspapers and study material provided by Mahendras is enough.

**MICA :** How about "Master in Current Affairs Magazine"?

**ARPIT :** MICA is must have for all competitive examinations. We get monthly current affairs in a single platform. It is overall very helpful in the selection.

**MICA :** What is the best thing about our coaching institute, according to you?

**ARPIT :** The best part about Mahendras is its faculties and their dedication.

**MICA :** What is the role of "Time Management" in one's success?

**ARPIT :** Time management is one of the key point to success. Selection totally depends on time management.

**MICA :** How did you prepare for the Interview?

**ARPIT :** I prepared for the interviews by regular newspaper reading, current affairs updation on regular basis and mocks interviews.

**MICA :** Tell us about the Interview Board and the questions asked?

**ARPIT :** Interview board consist of 5 males and 1 female member. All were top ranked employees.

#### The questions asked were:

- (I) Why you choose banking after engineering.
- (II) Some questions about current affairs.
- (III) What is SARFASI Act?
- (IV) Explain different types of Loans?
- (V) Explain Prompt Corrective Action.

**MICA :** By whom did you get information of your selection and what was your reaction?

**ARPIT :** I received the news through Internet. I was extremely happy with the results.

**MICA :** What message do you want to convey to other aspirants?

**ARPIT :** Clearing bank exam isn't tough only dedication & hard work in right direction is required.

**MICA :** Congratulations once again on your success. Your success is our success.

**ARPIT :** Thank You Mahendra for guiding me to Success.

**MICA :** Mahendras family expresses its heartiest congratulations on your success.

**ARPIT :** Thank You so much.

**MICA :** To whom do you want to give the credit of your selection?

**ARPIT :** My parents, Friends and Mahendras Faculty and Interview Panel.

**MICA :** After how many attempts did you succeed in examination?

**ARPIT :** This was my 1<sup>st</sup> attempt.

**MICA :** What is the role of Mahendras institute in your selection?

**ARPIT :** Mahendras plays a very decisive role in my selection. It helps not only in studies but also in the overall development of mind. All the speed tests, regular

# ONE Liner

## AWARDS

- ✍ Who has been chosen for the 2017 Mathrubhumi Literary award (MLA)? ♦ **M K Sanu**
- ✍ Who has been bestowed with the 2017 Lal Bahadur Shastri National Award for Excellence in Public Administration, Academics and Management? ♦ **Bindeshwar Pathak**
- ✍ Who has been chosen for the 2017 Vayalar Ramavarma Literacy award? ♦ **T D Ramakrishna**
- ✍ Which Indian personality has been chosen for the 2017 Von Hippel Award? ♦ **C.N.R. Rao**
- ✍ Who has become the first Indian to be honoured with the Anna Politkovskaya Award 2017? ♦ **Gauri Lankesh**
- ✍ Who has won the 2017 Nobel Prize for Economics? ♦ **Richard Thaler**
- ✍ Which Indian personality has been conferred the 'Cross of the Order of Merit', the highest civilian honour of Germany? ♦ **Rajesh Nath**
- ✍ Gurbax Singh Sandhu has been honoured with the 2017 National Awards for senior citizens. He is associated with which sports? ♦ **Boxing**
- ✍ Which television series won the Outstanding Drama Series award at the 69th Annual Primetime Emmy Awards? ♦ **The Handmaid's Tale**
- ✍ Which Indian film has been chosen as India's official entry in the Best Foreign Language Film category at Oscars 2018? ♦ **Newton**
- ✍ Which campaign will be launched by Central Government to promote development and cleanliness in rural areas? ♦ **Gram Samridhi Evam Swachhta**
- ✍ Who launched the nation-wide immunisation drive, Intensified Mission Indradhanush, on 8 October 2017? ♦ **Narendra Modi**
- ✍ Which web portal was launched by the Union Government for effective implementation of National Child Labour Project? ♦ **PENCIL**
- ✍ Which state government has launched a mass marriage scheme 'Mukhyamantri Samoohik Vivaah Yojana' for BPL families? ♦ **Uttar Pradesh**
- ✍ Which union minister has launched Sahaj Bijli Har Ghar Yojana 'Saubhagya' to supply electricity to poor households? ♦ **Narendra Modi**
- ✍ Under the ICDS, children between \_\_\_\_\_ are entitled to a morning snack as well as a hot-cooked meal at an Anganwadi centre. ♦ **6 months to 3 years**
- ✍ Who has launched the Divyang Sarathi mobile application? ♦ **Thaawarchand Gehlot**
- ✍ Name two World Bank supported schemes approved on 12 October 2017 by Cabinet Committee on Economic Affairs (CCEA) to boost Skill India Mission- ♦ **SANKALP and STRIVE**
- ✍ Finance Minister Arun Jaitley has launched Google's Unified Payments Interface (UPI) based digital payment service. What is the service called? ♦ **Tez**
- ✍ Which union minister has launched multi-media exhibition "Naya Bharat-Hum Karke Rahenge"? ♦ **J P Nadda**
- ✍ Which union minister has launched SECURE Himalaya project in association with UNDP? ♦ **Harsh Vardhan**
- ✍ Which insurance company has launched 'Neo' a servicing bot for Twitter? ♦ **HDFC Life**
- ✍ Which state government has launched 'Mathru Poorna' scheme for pregnant women? ♦ **Karnataka**

## SCHEMES AND LAUNCHES

- ✍ Which Indian Armed Force has launched an innovative mobile health App "MedWatch"? ♦ **Indian Air Force**
- ✍ Which state government has launched 'Solar Briefcase' to provide electricity in remote areas? ♦ **Uttarakhand**
- ✍ President Ram Nath Kovind has launched Mata Amritanandamayi Math Project 'Jeevamritham' from which state? ♦ **Kerala**



## PERSON IN NEWS

- ✎ Who has been appointed as the new Governor of Bihar? ♦ Satya Pal Malik
- ✎ Who has been appointed as the new Governor of Tamil Nadu? ♦ Banwarilal Purohit
- ✎ Who will be the new Director-General (DG) of UNESCO? ♦ Audrey Azoulay
- ✎ Who has been appointed as the India's new ambassador to China? ♦ Gautam Bambawale
- ✎ Who has been appointed the new Ambassador to Principality of Monaco? ♦ V M Kwatra
- ✎ Who will head the US-India Business Council (USIBC)? ♦ Nisha Biswal
- ✎ Who will head the 2nd National Judicial Pay Commission (NJPC) to look into pay hike issue of lower court judges? ♦ PV Reddi
- ✎ Kundan Shah, who passed away recently, was the renowned personality of which field? ♦ Film Industry
- ✎ Who has become the first Sikh politician to lead Canada's major New Democratic Party? ♦ Jagmeet Singh
- ✎ Retired justice G Rohini would be heading the 5-member commission formed by the Indian President to examine sub-categorisation of OBCs. She was the first woman Chief Justice of which High Court? ♦ Delhi High Court
- ✎ Who has been appointed as the new chairman of SBI? ♦ Rajnish Kumar
- ✎ This iconic 1965 Indo-Pak war hero, the first-ever Marshal of the Indian Air Force passed away on 16 September 2017. What is his name? ♦ Arjan Singh
- ✎ Who was recently appointed as the Director-General of the National Investigation Agency? ♦ Y C Modi
- ✎ Who has been appointed as the new CMD of National Hydroelectric Power Corporation (NHPC)? ♦ Balraj Joshi
- ✎ Who has been appointed as the new CMD of Cotton Corporation of India (CCI)? ♦ P Alli Rani
- ✎ Who has become the first Indian to be picked as AIBA representative at IOC athletes' forum? ♦ Mary Kom
- ✎ Who has been sworn-in as the new Governor of Meghalaya? ♦ Ganga Prasad
- ✎ Who has been appointed as the new Prime Minister of Mongolia? ♦ Ukhnaa Khurelsukh
- ✎ Who is the newly appointed Comptroller and Auditor General (CAG) of India? ♦ Rajiv Mehrishi

- ✎ Who is the head of the recently constituted Prime Minister Economic Advisory Council (PMEAC)? ♦ Bibek Debroy
- ✎ Lillian Ross, the noted journalist has passed away. She hails from which country? ♦ United States
- ✎ Jake LaMotta, who passed away recently, was the legendary personality of which sports? ♦ Boxing
- ✎ Abdul Majid, the famous actor, Director and writer passed away. He hailed from which state? ♦ Assam
- ✎ Arun Sadhu, who passed away recently, was the renowned writer of which language? ♦ Marathi
- ✎ Purushottam Lal Kaushik, who passed away recently, was associated with which field? ♦ Politics

## NATIONAL

- ✎ Nargund is taluk of which state which was recently declared as Open Defecation Free in September 2017? ♦ Karnataka
- ✎ The Aadhaar extension would cover as many as ----- including free cooking gas to poor women, kerosene and fertiliser subsidy, targeted public distribution system and MGNREGA. ♦ 135 schemes
- ✎ Which city hosted the 48th Conference of Governors? ♦ New Delhi
- ✎ Which state's government has announced the setting up of a well-equipped skill city? ♦ Assam
- ✎ Which ship was recently commissioned into Indian Navy at Naval Dockyard, Mumbai? ♦ INS TARASA
- ✎ Indian naval ships, Satpura and Kadmatt, would be participating in naval exercise called PASSEX with which nation? ♦ Japan
- ✎ Which steel making companies supplied 80 per cent of steel for the construction of the Sardar Sarovar Dam Project? ♦ Steel Authority of India
- ✎ The deadline for obtaining Aadhaar has been extended till \_\_\_\_\_. ♦ 31 December 2017
- ✎ As announced by the Union Ministry of Water Resources recently, water storage level of 91 major reservoirs of India went up by how many percent? ♦ 2 per cent
- ✎ Which of the following has become the first Open Defecation Free (ODF) tribe district of Rajasthan? ♦ Dungarpur

# CURRENT AFFAIRS

## One Liner

- ✎ Which high-level committee has been constituted by the Union government for proper management of water resources in the NE region? ♦ Rajiv Kumar committee
- ✎ From where the Union Ministry of Tourism has started 'Paryatan Parv' to promote tourism across India? ♦ Delhi
- ✎ The 14th India and European Union summit was held in which Indian city? ♦ New Delhi
- ✎ The WCD Ministry holds 1st National Conference on Mission Mode to address which raging issue? ♦ Under Nutrition
- ✎ Which city hosts the 6th edition of International Textile and Apparel Fair "VASTRA-2017"? ♦ Jaipur
- ✎ Which union minister has launched a nation-wide 'Pradhan Mantri LPG Panchayat'? ♦ Dharmendra Pradhan
- ✎ The Humanitarian Assistance and Disaster Relief (HADR) exercise 'Pralay Sahayam' was held in which state? ♦ Telangana
- ✎ Which state government has declared 2017 as e-Pragati year? ♦ Andhra Pradesh
- ✎ Which state has become the India's first state to incorporate skill development programme in higher education? ♦ Rajasthan
- ✎ Who is leading the Indian delegation at the 8th Conference of Association of SAARC Speakers and Parliamentarians? ♦ Sumitra Mahajan
- ✎ The Union government has set up a study group to examine the problems of people along IB, LOC in J&K. Who will head the team? ♦ Rina Mitra

## INTERNATIONAL

- ✎ With which country India is organising Technical Intern Training Program (TITP)? ♦ Japan
- ✎ With which country India has signed a Memorandum of Cooperation (MoC) for establishing a liquid, flexible and global Liquefied Natural Gas (LNG) Market? ♦ Japan
- ✎ Which country is hosted the International Conference on Dialogue of Civilizations – IV? ♦ India
- ✎ The 8th Conference of the Association of SAARC Speakers and Parliamentarians is scheduled to be held in which city? ♦ Colombo
- ✎ The joint military training exercise "Panda-Kangaroo 2017" was held between Australia and which country? ♦ China
- ✎ For the first time, India and which neighboring state will conduct joint tiger census using a globally-recognised method? ♦ Nepal

## FINANCIAL AWARENESS

- ✎ India ranked \_\_\_\_ in the World Economic Forum's Global Competitive Index (GCI) 2017-18. ♦ 40th
- ✎ As per Global Competitive Index (GCI) 2017-18, the most competitive economy in the world is \_\_\_\_ ♦ US
- ✎ On which product India has imposed anti-dumping duty on China - ♦ Steel
- ✎ The Asian Development Bank (ADB) has sanctioned how much amount of loan facility to carry forward fiscal reforms in West Bengal? ♦ \$300 million
- ✎ Which country hosted the 7th ASEM Economic Ministers' Meeting (ASEM EMM7)? ♦ South Korea
- ✎ The European Investment Bank (EIB) has signed how much of loan pact with India for Bangalore Metro Rail Project Phase II? ♦ €300 million
- ✎ Where is the headquarters of the Institute of Company Secretaries of India (ICSI)? ♦ New Delhi
- ✎ Which of the following has been named as the India's best FMCG company in the food sector by the International Advertising Association (IAA)? ♦ Amul
- ✎ Dabur India has tied up with which e-commerce major for an online ayurveda marketplace? ♦ Amazon

## SPORTS

- ✎ Who has won the 2017 Shanghai Masters tennis tournament? ♦ Roger Federer
- ✎ Who has become the 1st cricketer from Bangladesh to be inducted in MCC World Cricket Committee? ♦ Shakib Al Hasan
- ✎ Who has won the 2017 China Open Tennis tournament? ♦ Rafael Nadal
- ✎ Samiya Imad Farooqui has clinched gold at women's singles U-15 Asian Junior Championship (AJC). She hails from which city? ♦ Hyderabad
- ✎ Who has won the 2017 men singles title at the Bulgarian International Future Series Tennis tournament? ♦ RMV Gurusaidutt
- ✎ Rafael Nadal has beaten which tennis player to win his 6th ATP title of the year 2017? ♦ Nick Kyrgios
- ✎ Which player won the women's singles event at China Open 2017? ♦ Caroline Garcia



- ✎ Who is the captain of the Indian U-17 football side, which has become first-ever Indian team to participate in a FIFA tournament? ♦ Amarjit Singh Kiyam
- ✎ India has exempted import duty on a range of sporting goods and equipments for which major sporting event? ♦ FIFA U-17 World Cup
- ✎ Who has clinched the women's singles U-19 title at the Belgian Junior Open badminton tournament? ♦ Vaishnavi Reddy
- ✎ Bajrang has won gold at the Asian Indoor and Martial Arts Games. He is associated with which sports? ♦ Wrestling
- ✎ Which state is hosting the 57th National Open Athletics Championships 2017? ♦ Tamil Nadu
- ✎ Pooja Kadian is associated with which sports? ♦ Wushu
- ✎ PV Sindhu recently became the first Indian shuttler to win the BWF Korean Open Super Series. Whom did she defeat to grab the title? ♦ Nozomi Okuhara
- ✎ Which country to host the 17th edition of the AFC Asian Cup – 2019? ♦ UAE
- ✎ Which country has developed a laser gun for counter-terrorism operations? ♦ China
- ✎ Which species was recently moved from 'Endangered' to 'Vulnerable' category in the IUCN Red List? ♦ Snow Leopard
- ✎ The Brahmagiri Wildlife Sanctuary (BWS) is located in which state? ♦ Karnataka
- ✎ Which committee has drafted the 3rd National Wildlife Action Plan (NWAP) for 2017-2031? ♦ JC Kala committee
- ✎ Which city is hosting the Global Wildlife Programme (GWP) conference-2017? ♦ New Delhi
- ✎ The 2017 Nobel Peace Prize has been awarded to International Campaign to Abolish Nuclear Weapons (ICAN). Where is the headquarters of ICAN? ♦ Geneva
- ✎ Which state has topped all others by building 3.52 lakh toilet units in 17 days? ♦ Uttar Pradesh
- ✎ The first-ever ASEAN-India Music Festival is held in which city? ♦ New Delhi
- ✎ India's first electric bus service has launched in which state? ♦ Himachal Pradesh
- ✎ What is the theme of the Bachao Beti Padhao Week which was celebrated from 10-14 October? ♦ Educate Her for Brighter Future
- ✎ When is the International Day for the Total Elimination of Nuclear Weapons observed every year? ♦ 26 September
- ✎ During which two years The 150th Birth Anniversary of Mahatma Gandhi will be celebrated. ♦ 2 October 2019 - 2 October 2020
- ✎ What is the theme of the 2017 World Rabies Day? ♦ Rabies: Zero By 30
- ✎ 50. The India International Science Festival 2017 was held in which city? ♦ Chennai
- ✎ 51. When was the 190th Gunners Day celebrated? ♦ 28 September 2017
- ✎ Which is the first airline in the world to launch double beds in business class? ♦ Qatar Airways
- ✎ The 2017 Bathukamma festival was celebrated in which state? ♦ Telangana

## SCIENCE AND TECHNOLOGY

- ✎ Scientists belonging to which nation have developed a smart bandage that can cause better and faster healing? ♦ US
- ✎ The world's first negative emissions plant that turns CO2 into stone has opened in which country? ♦ Iceland

## MISCELLANEOUS

- ✎ The Maenam Wildlife Sanctuary (MWS) is located in which state? ♦ Sikkim
- ✎ The Melkote Temple Wildlife Sanctuary (MTWS) is located in which state? ♦ Karnataka
- ✎ Which IIT institute has signed a MoU with Samsung for digital academy? ♦ IIT-Kharagpur
- ✎ The 2017 World Animal Day (WAD) is observed on which date? ♦ October 4
- ✎ The Chakrashila Wildlife Sanctuary (CWS) is located in which state? ♦ Assam

# SPOTLIGHT | ALL THAT MATTERS

## ABBREVIATIONS

<b>ETF</b>	- Exchange Traded Fund
<b>IDP</b>	- Institutional Development Plan
<b>GAIN</b>	- Global Alliance for Improved Nutrition
<b>NSSO</b>	- National Sample Survey Office
<b>GSTN</b>	- Goods and Services Tax Network
<b>SATH</b>	- Sustainable Action for Transforming Human Capital
<b>NPCI</b>	- National Payments Corporation of India
<b>PFMS</b>	- Public Finance Management System
<b>DBT</b>	- Direct Benefits Transfer

## ECONOMIC GLOSSARY

### CRYPTOCURRENCY

A cryptocurrency is a digital form of money which is designed to be secure and in many cases it is anonymous. It is an internet associated currency that uses cryptography. It is the process of converting legible information into an almost uncrackable code, to track purchases and transfers.

Cryptography was born out of the need for secure communication in the Second World War. It has evolved in the digital era with elements of mathematical theory and computer science to become a way to secure communications, information, and money online. The first cryptocurrency was bitcoin, which was created in 2009 and is still the best known.

### BITCOIN

Bitcoin is one of the famous crypto currency and is known to be the first decentralized digital currency, as the system works without a central repository or single administrator. The transactions take place directly between the users i.e. peer-to-peer. Famous players in bitcoins are Zebpay, Unocoin, Coinsecure, Searchtrade etc.

### WEIGHTLESS ECONOMY

This refers to those particular sectors of the economy whose produced stuff weighs lighter than other sectors that manufacture traditional goods and services. The term is used to emphasise the changing nature of economies as they increasingly concentrate on producing stuff that is intangible but also of much more valuable to consumers. Economic growth in the previous centuries depended largely on increasing the total quantity of physical inputs that went into production. Now, producing things of higher value requires the use of intellectual capital more than physical capital, which explains the rapid increase in the size of the weightless economy.

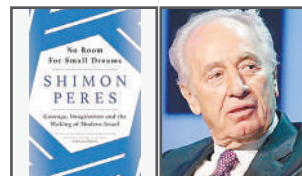
## IMPORTANT DAYS AND DATES

<b>January 09</b>	Pravasi Bharatiya Divas (Non-resident Indian Day)
<b>January 12</b>	National Youth Day (India) (Birth Day of Swami Vivekanand)
<b>January 15</b>	Indian Army Day
<b>January 23</b>	Netaji Subhash Chandra Bose's Birth anniversary
<b>January 25</b>	International Customs Duty Day, India Tourism Day, Indian Voter Day
<b>January 26</b>	Republic Day (India)
<b>January 28</b>	Data Privacy Day / Birth anniversary of Lala Lajpat Rai
<b>January 30</b>	World Leprosy Eradication Day

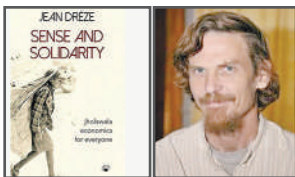
## BOOKS & AUTHORS

01 |

### NO ROOM FOR SMALL DREAMS



:Shimon Peres



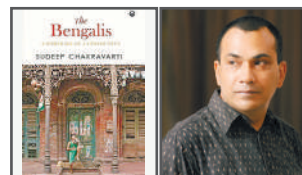
:Jean Dreze

### SENSE AND SOLIDARITY

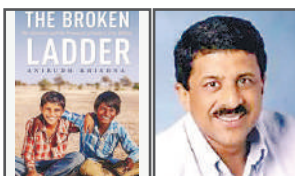
| 02

03 |

### THE BENGALIS A PORTRAIT OF A COMMUNITY



:Sudeep Chakravarti



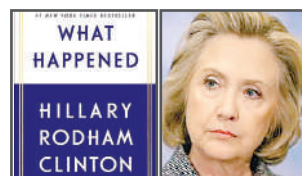
:Anirudh Krishna

### THE BROKEN LADDER

| 04

05 |

### WHAT HAPPENED



:HILLARY RODHAM CLINTON



## Suresh Sethi



India Post Payments Bank (IPPB) has appointed Suresh Sethi, the former MD of Vodafone M-Pesa Ltd. as its Managing Director & Chief Executive Officer. Sethi had been selected by the Banks Board Bureau from amongst top contenders for the post, from both public and private sector Banking and Fintech professionals. Sethi has broad international experience of over 27 years in the Banking and Financial Services industry with Citigroup, YES Bank and Vodafone M-Pesa across India, Kenya, UK, Argentina and US. He has extensively worked in the Financial Inclusion space leveraging Fintech and digital led innovation. Sethi takes over from the dynamic leadership of A.P. Singh who had been the interim MD & CEO of IPPB since January 2017.

IPPB has been incorporated as a Public Limited Company under the Department of Posts with 100% GOI equity. IPPB plans to leverage the unparalleled reach of the India Post network to achieve a Pan India roll out of 650 branches by early next year.

## Debjani Ghosh

The National Association of Software and Service Companies (NASSCOM) announced the appointment of Debjani Ghosh, former MD, Intel South Asia, as the NASSCOM President-Designate, succeeding R Chandrashekhar, President, NASSCOM upon the completion of his term in March 2018.



## Urjit Patel

RBI Governor Urjit Patel was appointed to the Financial Stability Institute Advisory Board of the Bank of International Settlement (BIS). The Bank of International Settlement is a global financial organisation



owned by major central banks from across the world. The Financial Stability Institute (FSI) of the BIS assists financial sector authorities worldwide in strengthening their financial systems. The FSI has been implementing a new strategy since the beginning of 2017 that includes having a close interaction with its main stakeholders including central banks and financial supervisory agencies.

As a part of these efforts, the BIS has decided to reactivate the FSI Advisory Board. The board was initially established in 1998 but it closed operations sometime later.

## Rakesh Asthana

Rakesh Asthana was appointed as Special Director of Central Bureau of Investigation (CBI). His appointment was approved by the Appointments Committee of Cabinet. A 1984- batch Gujarat cadre IPS officer, Asthana is currently posted as Additional Director of CBI. Earlier he served as the Commissioner of Police of Vadodara and Surat.



### About Rakesh Asthana

- 2016** - named as interim CBI Director
- 1994** - handled the investigation of Bihar's fodder scam
- 1997** - arrested RJD chief Lalu Prasad Yadav for Chara scam
- 2002** - headed the special investigation team for Godhara train arson

### Other Appointments

Gurbachan Singh and Arvind Kumar - Special Directors of Intelligence Bureau (IB)  
 Deepak Kumar Mishra and Sudeep Lakhtakia - Special DGs in the Central Reserve Police Force (CRPF).  
 Rajesh Ranjan and AP Maheshwari - Special DGs in the Border Security Force (BSF).  
 Javeed Ahmed - special DG at the Central Government.

# THE PEOPLE | APPOINTMENT



**Dineshwar  
Sharma**

Dineshwar Sharma is a Retired IPS officer from 1979 Batch of Kerala Cadre. During his distinguished career, he has served in J&K, Kerala, Uttar Pradesh, Nagaland and Manipur and as Additional Director and Special Director in the Intelligence Bureau in the Headquarters.

Centre appointed Dineshwar Sharma, former Director of Intelligence Bureau, as the Representative of Government of India to initiate and carry forward a dialogue with the elected representatives, various organizations and concerned individuals in the State of Jammu and Kashmir.

Sharma will initiate a sustained interaction and dialogue to understand the legitimate aspirations of the wide cross sections of society, particularly the youth in Jammu and Kashmir and communicate them to the State Government and the Centre.

The move comes in the wake of various steps taken by Prime Minister Narendra Modi to address the needs of the people of Jammu and Kashmir. He has in-depth understanding of security related matters and considerable knowledge and experience of issues relating to Jammu and Kashmir.

## Rukaiya Rangwala

Rukaiya Rangwala has been appointed by Digital wallet major MobiKwik as the business head of its payments gateway business. She is former vice-president of Jabong vice-president.

Recently, the company had re-launched Zaakpay as MobiKwik Payment Gateway. Rukaiya Rangwala is a technology and e-commerce industry expert with over 15 years of experience. She has worked across the US, Singapore, Japan and India.



## Jacinda Ardern

Jacinda Ardern has sworn in as the New Prime Minister of New Zealand after detesting National party leader Bill English. New Zealand's Labor leader Jacinda Ardern became Prime Minister after Winston Peters leader of New Zealand First and Greens supported her Party to form a coalition government.

37 year old Jacinda became the youngest New Zealand female leader in 150 years and only the third female Prime Minister. This was the first time since New Zealand adopted proportional voting since 1996.



## Kenneth Juster

Senior White House Official Kenneth Juster confirmed as the United States (US) Ambassador to India by the US Senate Foreign Relations Committee through a voice vote. Juster will succeed Richard Verma, the first Indian-American to head this position. Verma resigned from the post on 20 January 2017 with the swearing in of Donald Trump as the 45th President of the United States. Juster was also one of the key architects of the 'Next Steps' initiative that formed the foundation for the landmark civil nuclear agreement between the two countries in 2008.



## Neelamani N Raju

Neelamani N Raju was appointed as the first woman Director General and Inspector General of Police (DG-IGP) of Karnataka.

She succeeds R K Dutta, who retired from the service following his superannuation. She will retire in January 2020 and will serve as the Karnataka's police chief for over 2 years.

Neelamani is a 1983-batch Indian Police Service officer. She was previously serving as the Director General of Police - Internal Security.



## YC Modi

Senior IPS officer Yogesh Chander (YC) Modi on 30 October 2017 took charge as the Director General of the National Investigation Agency (NIA). Modi succeeds Sharad Kumar, who retired on 30 October 2017 itself.

Modi is an IPS officer of the 1979 batch of the Haryana cadre.

### About YC Modi

- ✎ In his career spanning over 33 years, Modi gained extensive experience of investigation, intelligence and operations.
- ✎ Prior to joining the NIA, he worked with the Central Bureau of Investigation (CBI) for 10 years while serving two terms where he handled Special Crime and Economic Offences besides Anti-Corruption cases.
- ✎ He was a part of a Supreme Court-appointed Special Investigation Team (SIT) that probed 2002 Gujarat riots case.
- ✎ He was posted as Additional Director General of Police (Law & Order) in Assam and Meghalaya.
- ✎ He was awarded with the Police Medal for Meritorious Service in 2001 and the President's Police Medal for Distinguished Service in 2008.



## Hasmukh Adhia

The Appointments Committee of the Cabinet approved the appointment of revenue secretary Hasmukh Adhia as the new Finance Secretary of the country.

Adhia would be succeeding Ashok Lavasa, who announced his retirement last month. The new appointment was announced through an order issued by the Department of Personnel and Training.

### About Hasmukh Adhia

- ✎ He is 1981 batch IAS officer from Gujarat Cadre.
- ✎ Adhia served in several key positions for the Gujarat government including Additional Chief Secretary (Finance), Principal Secretary (Education), Principal Secretary (Transport), Principal Secretary to Chief Minister of Gujarat and as the District Magistrate and Collector of Bhavnagar and Surat districts.
- ✎ He has also previously served as a consultant to the United Nations Industrial Development Organization (UNIDO).



## M Mahender Reddy

Mahender Reddy, Commissioner of Hyderabad Police, has been appointed as the new Director General of Police (DGP) of Telangana State. He took charge on 12 November 2017.

Reddy succeeded DGP Anurag Sharma, who retired from the service on 11 November 2017. Sharma has now been appointed as the advisor to Home Department by the Telangana state government.

- ✎ He will be the second DGP of the state after its formation in 2014.



## Millie Banerjee

Indian-origin businesswoman, Millie Banerjee has been appointed the new chair of the UK's College of Policing by the British government.

Kolkata-born Millie Banerjee will oversee the professional body for everyone in policing and make sure officers and staff have the skills and knowledge they need.

Banerjee, honoured with a CBE by Queen Elizabeth II in 2002 for her work in supporting civil service reform, has had a long and varied career in the private and public sectors in the UK.





# THE PEOPLE | AWARDS

## Girish Karnad - Tata Literature Lifetime Achievement Award 2017



### Background:

- ✦ Girish Raghunath Karnad is an Indian actor, film director and writer-playwright.
- ✦ He is predominantly associated with South Indian cinema and has worked in several Hindi Cinema.
- ✦ Many of his plays of the 1960s such as 'Yayati' (1961), the historical 'Tughlaq' (1964), 'Hayavadana' (1971), 'Naga-mandala' (1988) and 'Taledanda' (1990) earned him international praise.
- ✦ He writes in Kannada which is often translated in English and some other Indian languages.
- ✦ He is also a proud recipient of Padma Shri and Padma Bhushan awards.

Versatile actor and playwright Girish Karnad will be honoured with Tata Literature Live! Lifetime Achievement Award 2017 on 19 November 2017. The award will be presented to the veteran actor at the National Centre for the Performing Arts (NCPA), Nariman Point in Mumbai. The actor will receive the award as a playwright.

**Tata Literature Live! Lifetime Achievement Award**  
honours distinguished writers in India.

### Other recipients:

**Amitav Ghosh (2016)**  
**Kiran Nagarkar (2015)**  
**MT Vasudevan Nair (2014)**  
**Khushwant Singh (2013)**  
**VS Naipaul (2012)**  
**Mahashweta Devi (2011)**

## Cristiano Ronaldo - Best FIFA Men's Player



### About Cristiano Ronaldo

- ✦ Cristiano Ronaldo is a Portuguese professional footballer and plays as a forward for Spanish club Real Madrid and the Portugal National Team.
- ✦ In 2003, Ronaldo signed up with Manchester United and later he made his first appearance for Portugal's national team against Kazakhstan.
- ✦ Ronaldo was honoured with World Player of the Year by FIFA in 2007-08.
- ✦ He has scored more than 600 senior career goals for club and country.
- ✦ He is the first player in history to win four European Golden Shoes.
- ✦ Ronaldo has also won Ballon d'Or award four times in his career.

Portuguese player Cristiano Ronaldo won the Best FIFA Men's Player Award for the second year in London. Argentina's forward Lionel Messi and Brazil's forward Neymar were runners up for the award. Ronaldo got 43.16 per cent of the total votes, while Lionel Messi and Neymar fetched 19.25 and 6.97 per cent votes respectively. The winners of the four 'The Best FIFA Awards' are selected through voting by four groups comprising football fans, selected media representatives, the captains and head coaches of national teams.

### Best FIFA Awards 2017: Highlights

Category	Player
Best FIFA Men's Coach	Zinedine Zidane
Best FIFA Goalkeeper	Gianluigi Buffon
Best FIFA Men's Player	Cristiano Ronaldo
Best FIFA Women's Player	Lieke Martens
Best Women's Coach	Sarina Wiegman
Puskas Award	Olivier Giroud
FIFA Fan Award	Celtic

## Mohan Joshi - Vishnudas Bhave award



Renowned Indian film and television actor Mohan Joshi was honoured with the prestigious Vishnudas Bhave award for his contribution to the theatre on 5 November 2017. The award is conferred in memory of Vishnudas Bhave, the founder of Marathi theatre. It comprises a trophy, a citation and a cash prize worth Rs 25,000.

Besides plays, Joshi has acted in a number of Marathi and Hindi films including Major Saab, Baghban, Gangaajal, Garv: Pride and Honour and more recently Yeh Hai India.

He won a National film award for his 1999 Marathi film Gharabahr as a special mention at the 47th National Film Awards.

## Krishna Sobti chosen for prestigious Jnanpith award 2017



The 92-year-old writer was chosen for the prestigious award for her path-breaking contribution in the field of literature.

The jury for the selection of the award comprised Girishwar Mishra, Shamim Hanifi, Harish Trivedi, Ramakant Rath and the director of the Bharatiya Jnanpith Leela Dhar Mandloi.

### About Krishna Sobti

- ✎ Sobti was born in 1925 in Gujrat, in Pakistan's Punjab Province.
- ✎ She is known for experimenting with new styles and forms of writing and creating 'bold' and 'daring' characters in her stories who were ready to accept all challenges.
- ✎ Her writing language was influenced by the intermingling of Hindi, Urdu and Punjabi cultures.
- ✎ Her choice of subjects ranged from the Partition and relationships between man and woman, to the changing dynamics of the Indian society and the gradual deterioration of human values.
- ✎ Some of her popular works include Daar se Bichhudi, Dil-o-Danish, Badalom ke Ghare, Yaaron Ke Yaar, Mitron Marjani, and Zindaginama.
- ✎ She is most known for her 1966 novel Mitro Marajani, an unapologetic portrayal of a married woman's sexuality.

## Sri Ranganathaswamy Temple wins UNESCO Asia Pacific Award of Merit 2017



The Sri Ranganathaswamy Temple of Srirangam in Tamil Nadu won UNESCO Asia Pacific Award of Merit 2017 for cultural heritage conservation programme.

It is first temple from Tamil Nadu to win the prize from the UN body.

The temple won the award for its efforts to protect and conserve cultural heritage.

The two key parameters that made the temple most eligible to win the award are its traditional method of renovating temple premises as well as re-establishment of rainwater harvesting and historic drainage system in preventing flooding.

### About UNESCO Asia-Pacific awards

- ✎ UNESCO Asia-Pacific awards were launched in 2000 by UNESCO for cultural heritage conservation programme.
- ✎ The awards are given under four categories- Award of Excellence, Awards of Distinction, Awards of Merit and Award for New Design in Heritage Context.
- ✎ These awards are aimed at acknowledging efforts undertaken to restore and conserve historical structures without affecting their heritage value in Asia-Pacific region comprising 48 countries.

## UNHCR to receive Mother Teresa Award 2017 for social justice

The United Nations High Commission for Refugees (UNHCR) named as the recipient of Harmony Foundation's Mother Teresa Memorial Award for Social Justice 2017 for its exceptional work worldwide.

Harmony Foundation's 2017 theme is 'Compassion Beyond Borders' and UNHCR efforts aptly fit into this theme.

UNHCR beautifully epitomizes the theme with heroism of its workers and volunteers who tirelessly work in crisis areas globally. The UNHCR provides humanitarian aid to innumerable people internally displaced by conflicts and helps stateless people all over the world.

The award will be presented to the UNHCR at a function on 10 December 2017 on the occasion of the celebrations of the unique legacy of Mother Teresa, popularly known as the 'Saint of The Gutters'.



# THE PEOPLE AWARDS

## National Entrepreneurship Awards 2017

The Union Ministry of Skill Development & Entrepreneurship (MSDE) announced the National Entrepreneurship Awards 2017 to encourage a culture of entrepreneurship across the country.

This is the second edition of the National Entrepreneurship Awards (NEA). The awards were instituted by MSDE in 2016.

This year, the awards saw participation from 2880 applicants, out of which 45 were shortlisted and finally 15 were announced as winners across defined categories.

The award includes a cash prize of Rs 5 lakh for enterprises and individuals and Rs 10 lakhs for organizations and institutes along with a certificate and trophy.

Award Track	
Award (Sub-Category)	Winner
Agri, food and forestry products	Rays Culinary Delights Pvt. Ltd.
Engineering systems	SenseGiz Technologies Pvt. Ltd.
Renewable energy and waste management	Atomberg Technologies Pvt. Ltd.
IT & ITES, Financial	Naffa Innovations Pvt. Ltd.
Education	Simulanis Solutions Pvt. Ltd.
Hospitality	Oravel Stays Pvt. Ltd.
E-Commerce, logistics, transport & other services	LogiNext Solutions Pvt Ltd.
Social Enterprises	Sampurn(e)arth Environment Solutions Pvt. Ltd.
Barefoot Enterprises	Thejaswini Coconut Farmers Producer Company Ltd
Woman Enterprise	SP Robotic Works Pvt. Ltd.

## Veteran journalist Manik Banerjee gets IMF award

Veteran journalist Manik Banerjee, who is also an acclaimed mountaineer was presented with the Life Time Achievement Award by the Indian Mountaineering Foundation (IMF).

Banerjee was presented the award in recognition of his achievements in mountaineering over a period of four decades.

The former sports journalist has made invaluable contribution in promotion of mountaineering and allied adventure activities in various media besides his service in spreading the spirit of adventure activities among the under privileged.

## Manmohan Singh awarded Indira Gandhi Prize for Peace for 'momentous' 10 years as PM

Former Prime Minister Dr. Manmohan Singh was chosen as the recipient of this year's Indira Gandhi Prize for Peace, Disarmament and Development.

Singh received the international Prime Minister Indira Gandhi, stature in the world" and for his cause of economic and social Singh was being recognised for to the country and for his "momentous" ten years between served as Prime Minister .

An international jury selects the Prize for Peace, Disarmament year. This year's jury, which was chaired by the former President Pranab Mukherjee.

Singh is only the third Indian two full terms as the Prime witnessed the path-breaking nuclear agreement with the US and the Copenhagen Climate Change agreement.

The Indira Gandhi Prize for Peace, Disarmament and Development was constituted in 1986 and its last two recipients were Indian Space Research Organisation and the UN High Commission for Refugees.



award, named after former for "improving India's "for his contributions to the development".

the leadership he provided achievements during the 2004 and 2014, when he

recipient of the Indira Gandhi and Development every chose Singh unanimously, PM's contemporary and ex-

prime minister to complete Minister and said his tenure



## Girija Devi

"singer's music appealed across generations and her pioneering efforts to popularise Indian classical music would always be remembered"

Narendra Modi



Indian classical singer "Queen of Thumri" Girija Devi, who was the recipient of India's second highest civilian honour-Padma Vibhushan, passed away on 24 October 2017 in Kolkatta after suffering from a cardiac arrest. She was 88.

Popularly considered as the Queen of Thumri, Devi is survived by a daughter.

### About Girija Devi

- Devi was born in Varanasi, on 8 May 1929, to a Zamindar family.
- Her father played the harmonium and taught music, and they Devi take lessons in singing khyal and tappa from vocalist and sarangi player, Sarju Prasad Misra, starting at an early age of five years.
- She performed classical and light classical music and helped elevate the profile of thumri.
- She starred in the movie 'Yaad rahe' at the age of nine.
- She made her public debut in 1949 on All India Radio in Allahabad.
- She also worked as a faculty member at the ITC Sangeet Research Academy in Kolkata in the 1980s and at the Banaras Hindu University during the early 1990s.
- Her music collection included the semi-classical genres including kajri, chaiti, and holi and she sang khyal, Indian folk music and tappa.
- She won three civilian awards throughout her illustrious career. She won the Padma Shri in 1972, the Padma Bhushan in 1989 and the Padma Vibhushan in 2016.

## Punathil Kunjabdulla

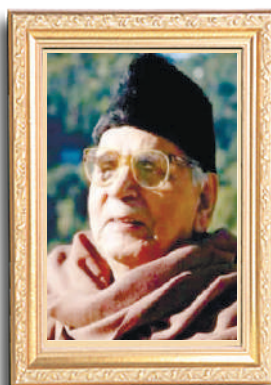


Renowned Malayalam writer Punathil Kunjabdulla passed away on 27 October 2017 in Kozhikode following a prolonged illness. He was 77. Kunjabdulla is regarded as one of the major figures of modernism in Malayalam literature.

### About Punathil Kunjabdulla

- Born in Vadakara near Kozhikode, Kunjabdulla did his MBBS from the Aligarh Muslim University and later worked in the government medical sector.
- Apart from being a professional doctor and a writer, Kunjabdulla also contested the 2001 assembly election from the Beypore assembly constituency on a Bharatiya Janata Party ticket.
- Some of his other major works include Marunnu, Kanyavanangal, Kathi and Aligarh Kathakal.
- He won the Sahitya Akademi award for his novel Smarakasilakal in 1980 and the Kerala Sahithya Akademi award twice for the same novel in 1978 and for Malamukalile Abdulla in 1980.
- In 2013, he was honoured with Mathrubhumi Literary Award, the biggest literature award in Malayalam.

## Manu Sharma



Noted author and Padma Shri awardee Manu Sharma died following a prolonged illness. He was 89.

He was nominated as one of the navratna of the Swachha Bharat Abhiyan by Prime Minister Narendra Modi.

Sharma had donated his lifetime savings of Rs 20 lakh for the renovation of a ghat in Varanasi to carry out a cleanliness campaign.

He was also the recipient of the prestigious Yash Bharti Award of the Uttar Pradesh government.

Sharma is famous for 'Krishna Ki Atmakatha' which has come in eight volumes and it is considered to be the biggest novel of Hindi Literature. His other famous novels includes 'Karn Ki Atmakatha', 'Dronn Ki Atmakatha', 'Chatrapati', 'Gandhi Laute'.

He was also honoured with D.litt from Gorakhpur University.

## Burning Topics of the Month

**Kohima village -  
first Non-Iodised Salt  
Free Village**

**RO RO Ferry Service  
between Ghogha and  
Dahej Started**

**Ministries of Power &  
Textiles new initiative  
SAATHI**

**& Many More...**

21 October '17

### Piped Natural Gas (PNG) supply launched in Bhubaneswar

Minister for Petroleum & Natural Gas and Skill Development & Entrepreneurship Shri Dharmendra Pradhan launched supply of Piped Natural Gas (PNG) for the residents of Bhubaneswar. With this, GAIL started supply of environment-friendly PNG to 255 houses in Nalco Nagar located at Chandrasekharapur area. This was earlier expected to be completed by March 2018.

It is an important step towards the fulfillment of developing a gas-based economy and linking Eastern India to the country's Natural Gas Grid through the 'Pradhan Mantri Urja Ganga', which will pass through five states, i.e. Uttar Pradesh, Bihar, Jharkhand, Odisha and West Bengal. The longest stretch of the project – 769 kms – will be built in Odisha.

This pipeline will lead to industrial development of eastern India. Based on this gas-based pipeline, we are also planning to commission Talcher Fertiliser plant for which Centre has accorded environment clearance and Prime Minister Narendra Modi is likely to lay foundation stone for this project in coming November, Pradhan said.

City Gas Distribution (CGD) projects in Bhubaneswar and Cuttack are being taken up in parallel with the Jagdishpur – Haldia & Bokaro – Dhamra Natural Gas Pipeline (JHBDPL), popularly known as 'Pradhan Mantri Urja Ganga'. In Odisha, the Natural Gas Pipeline will be constructed at an estimated investment of Rs 4,000 crores and have a length of about 769 km covering 13 districts, i.e., Bhadrak, Jajpur, Dhenkanal, Angul, Sundergarh, Sambalpur, Jharsuguda, Debagarh, Jagatsinghpur, Cuttack, Khordha, Puri and Kendrapara & will connect major industrial clusters of Khurdha, Jharsuguda, Rourkela, Sambalpur, Bhubaneswar, Cuttack, Angul, Dhenkanal, Kalinganagar, Jajpur and Paradip.

GAIL (India) Limited is India's No. 1 Integrated Natural Gas company with a market share of over 75% in Natural Gas transmission. With over 11,000 Kms of Natural gas network, GAIL supplies India's fuel requirements across sectors like Power, Fertilizer, Industrial, automotive and even household consumers. Apart from natural gas transmission, distribution and processing, the Company has diversified business interests in Petrochemicals, LPG transmission, City gas projects and Exploration and Production activities. The company is committed to expand its current network to 18,000 km within 5 years. Initially, natural gas will reach Bhubaneswar in special containers called "cascades" which will be transported by road from Vijaywada in Andhra Pradesh. Later, natural gas will be supplied through the Jagdishpur – Haldia & Bokaro – Dhamra Natural Gas Pipeline (JHBDPL). The pipeline is presently under construction and likely to be completed by 2019.



21 October '17

### Kohima village - first Non-Iodised Salt Free Village

In Nagaland, Kohima village has been declared as the first Non-Iodised Salt Free Village.

The declaration was made on the observance of Global Iodine Deficiency Disorder Prevention Day in the village.

It is through various awareness campaigns that the village could achieve such status.

Iodine deficiency is preventable by using iodised salt which is cheap and freely available.



22 October '17

## RO RO Ferry Service between Ghogha and Dahej Started

This programme is to bring back to life our glorious past; and connect Saurashtra with South Gujarat

- Narendra Modi



The Prime Minister, Narendra Modi, inaugurated Phase 1 of the RO RO (Roll on, Roll off) ferry service between Ghogha and Dahej. This ferry service shall reduce the travel time between Ghogha in Saurashtra, and Dahej in South Gujarat, from about seven or eight hours, to just over an hour. Phase 1 now enables passenger movement and when fully operationalized, this ferry service will also enable movement of vehicles.

23 October '17

## Members of Parliament Local Area Development Scheme (MPLADS)



Cricket icon and Rajya Sabha member Sachin Tendulkar has sanctioned two crore rupees from his MPLADS fund for revamp of rail foot overbridges in Mumbai. It comes in the backdrop of the Elphinstone Road station stampede which claimed over 20 lives.

### MPLADS:

- ✎ Under the scheme, each MP has the choice to suggest to the District Collector for works to the tune of Rs.5 Crores per annum to be taken up in his/her constituency.
- ✎ The Rajya Sabha Members of Parliament can recommend works in one or more districts in the State from where he/she has been elected.
- ✎ The Nominated Members of the Lok Sabha and Rajya Sabha may select any one or more Districts from any one State in the Country for implementation of their choice of work under the scheme.

## India's First Pradhan Mantri Kaushal Kendra for Skilling in Smart Cities

23 October '17

"India which has the privilege of being a young nation, would gain from this demographic dividend to become a superpower and be amongst the top three countries in the world by 2030. The key to reach this milestone is by investing in our youth and making them skilled."

Rajnath Singh

To bring momentum in skilling through collaborative efforts, the Union Home

**PMKVY**  
प्रधानमंत्री कौशल विकास योजना

Minister Rajnath Singh along with Minister of Petroleum and Natural Gas and Skill Development and Entrepreneurship Dharmendra Pradhan here inaugurated India's first Pradhan Mantri Kaushal Kendra (PMKK) for Skilling in Smart Cities, in collaboration with New Delhi Municipal Council (NDMC). The ministers also laid the foundation for a Skill Development Centre at Moti Bagh and a Centre of Excellence at Dharam Marg, New Delhi.

Affirming synergies with the Government of India's flagship programs, the new skill development centres underscore the commitment of the Ministry of Urban Affairs & Housing (MUHA) and the Ministry of Skill Development & Entrepreneurship (MSDE) to support skilling in smart cities. National Skill Development Corporation (NSDC), an executive arm of MSDE, has collaborated with New Delhi Municipal Council Smart City Limited (NDMCSCSL) to extend cooperation for setting up of PMKK Centres for Smart Cities, to provide skill training for unemployed youth through its short-term training (STT) module and contribute to the capacity building of municipal employees through Recognition of Prior Learning (RPL) program.

The newly inaugurated Pradhan Mantri Kaushal Kendra leverages NDMC infrastructure for skilling initiatives. Located at Mandir Marg, New Delhi, the NDMC-PMKK Centre for Skilling in Smart Cities is an exemplary heritage building of approx. 30,000 sq.ft., with a capacity of skilling 4,000 youth annually. Catering to healthcare and solar energy sectors, the centre will be managed by one of NSDC's affiliated training partners - Orion Edutech, which has an impeccable record of training nearly 3 lakh candidates through its network of over 275 skill development centres across the country. On this occasion, a solar-power lab powered by Schneider Electric was also inaugurated.



23 October '17

## Government de-affiliates 400 Industrial Training Institutes

The Union Government has de-affiliated around 400 Industrial Training Institutes (ITIs) following quality inspections that revealed that the institutes lacked requisite infrastructure and trainers for imparting vocational training to students.

- ✎ The government's vocational training programmes are administered by ITIs, which cater to about 36 per cent of the 7 million people enrolled in various training programmes in India.
- ✎ There are about 13000-odd industrial training institutes in the country.
- ✎ Around 5,100 ITIs have been graded till now under the star rating system and are presently in the process of getting inspected through third parties and certification assessment.



24 October '17

## IAF Landing Operations on Agra-Lucknow Expressway

The drill witnessed the participation of a C-130J transport aircraft with Garud commandos for assault landing as well as three Jaguars, six Mirages, six SU 30s in touch down and take off operations.



Indian Air Force carried out major landing operations on the Lucknow-Agra Expressway, about 60 km west of Lucknow. The series of landings took place close to Bangarmau in Unnao District of Uttar Pradesh, where a 3 km stretch was specially prepared for such operations. A total of sixteen aircraft participated in the operation which comprised IAF's frontline Air Superiority Fighters including the Sukhoi-30, Mirage-2000 and Jaguar fighter aircraft. These

aircraft took off from Bareilly, Gwalior and Gorakhpur respectively. In addition, the IAF carried out drills in which Garud

years, IAF has been increasing its efforts to utilise certain straight stretches of National Highways for emergency landings. Such

carried out landings by fighter aircraft for the first time on the Yamuna expressway on 21 May 2015. The stretch of Agra – Lucknow expressway

included the Jaguar fighter aircraft for the first time. Also for the first time, IAF's C-130J transport aircraft participated in highway landing operations for insertion and extrication of Garud Special Forces. Several countries like Germany, Sweden, South Korea, Taiwan, Finland, Switzerland, Poland, Singapore, Czechoslovakia, Pakistan, etc. have dedicated stretches on their highways and expressways for aircraft to land and take off in emergencies or war like events.

### Goal of this exercise

The exercise was conducted to test the capability of the India Air Force to land its fighter jets and transport aircrafts on highways in the event of an emergency or in a war-like situation.

Commandos were inserted and extricated for ground operations, by the C-130J Super Hercules transport aircraft which took off from Hindon airbase. Over the past few

highway stretches are planned to be used in emergencies, if an active airport is not available for some reason. These operations increase the flexibility in the use of Air Power. IAF had already

was earlier activated for the first time for IAF operations in November 2016 in which six fighter aircraft of the IAF landed on the expressway. However, in this exercise, IAF

24 October '17

## Government of India and the Asian Development Bank (ADB) Sign \$300 Million Loan for West Bengal

The Asian Development Bank and the Government of India signed a \$300 million loan to continue a series of fiscal reforms in the State of West Bengal to improve the quality of public service delivery. The Second West Bengal Development Finance Program targets a further increase in public investment through reduction of unproductive expenditure, and savings from efficiencies in revenue collections. The Program will build on earlier intervention under Phase I of the project through the \$400 million Program that targeted a comprehensive fiscal consolidation program in the state.

ADB's first Program focused on augmenting public investments that reached almost 1.3%, as a percentage of gross state domestic product, in FY2016 from 0.5% in FY2012 while the fiscal deficit reduced to 2.2% from 3.4% in the same period. The new Program will not only target public investment but would also support private investments more directly by creating an infrastructure facility to support project preparation, development, and appraisal, with emphasis on public-private partnerships in health and education. It also seeks to simplify the registration and licensing procedure for micro, small and medium enterprises.

Spread over two years, the Program will also carry forward reforms such as linking medium term expenditure plans to actual budgets, supported by strengthening internal audit system, and enhancements in the integrated financial management system (IFMS). Other activities under the program include improved tax monitoring and continued support for information technology systems in strengthening tax and land administration.

Capital outlay as a percentage of gross state domestic product is expected to rise to 2.2% by FY2022 under the second program, with improved budget allocations geared toward development expenditure. Accompanying the loan is a technical assistance grant of \$500,000 to strengthen key institutions responsible for carrying out fiscal management reforms in the state.

24 October '17

## Ministries of Power & Textiles new initiative SAATHI

Ministries of Power and Textiles have joined hands under a new initiative SAATHI (Sustainable and Accelerated Adoption of efficient Textile technologies to Help small Industries). Under this initiative, Energy Efficiency Services Limited (EESL), a public sector entity under the administrative control of Ministry of Power, would procure energy efficient Powerlooms, motors and Rapier kits in bulk and provide them to the small and medium Powerloom units at no upfront cost.



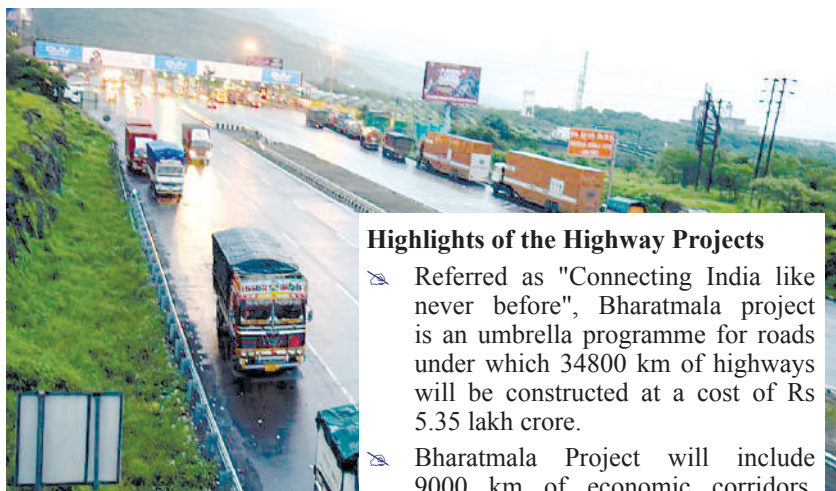
The SAATHI initiative of the Government will be jointly implemented by EESL and the office of the Textile Commissioner on a pan-India basis. To kick start the implementation, cluster wise demonstration projects and workshops will be organized in key clusters such as Erode, Surat, Ichalkaranji, etc. The use of these efficient equipment would result in energy savings and cost savings to the unit owner and he would repay in installments to EESL over a 4 to 5 year period. This is the aggregation, bulk procurement and financing model that EESL has successfully deployed in several sectors like LED bulbs, Smart Meters and Electric Vehicles. The unit owner neither has to allocate any upfront capital cost to procure these equipment nor does it have to allocate additional expenditure for repayment as the repayments to EESL are made from the savings that accrue as a result of higher efficiency equipments and cost savings. The aggregation of demand and bulk procurement will also lead to reduction in capital cost, benefits of which will be passed on to the Powerloom units so that their repayment amount and period would reduce.

The Powerloom sector in India is predominantly an unorganized sector and has a large number of micro and small units which produce 57 percent of the total cloth in the country. There are 24.86 lakhs Powerloom units in this country, most of whom use obsolete technology. With a view to upgrading the technology, the Government of India has been implementing the INSITU upgradation of plain Powerlooms as part of Power Tex India under which plain Powerlooms are attached with process control equipment leading to higher productivity, better quality and more than 50 percent additional value realisation. So far 1.70 lakhs plain Powerlooms have been upgraded under the scheme, with a total Government of India subsidy of Rs. 186 crores.

25 October '17

## Mega highway projects to build 83677 km Roads

The Union Government approved mega highway projects to build 83677 km of highways over the next five years at a cost of Rs 7 lakh crore by 2020. These highway projects include the ambitious Bharatmala project which is the second-largest highway project after National Highways Development Project (NHDP) that saw development of about 50000 km of roads.



### Highlights of the Highway Projects

- Referred as "Connecting India like never before", Bharatmala project is an umbrella programme for roads under which 34800 km of highways will be constructed at a cost of Rs 5.35 lakh crore.
- Bharatmala Project will include 9000 km of economic corridors, 6000 km of inter-corridor and feeder routes, 5000 km of national corridors efficiency improvement, 2000 km of border road connectivity, 800 km of expressways and 10000 km of balance NHDP projects.
- A study under the Bharatmala project by global consultancy firm AT Kearney identified 44 economic corridors for development. The corridors included Mumbai-Cochin-Kanyakumari, Bengaluru - Mangaluru, Hyderabad - Panaji and Sambalpur - Ranchi among others.
- The government has assigned NHAI, National Highway and Industrial Development Corporation (NHIDCL) and state Public Work Departments (PWDs) for the Bharatmala Project.

### How Bharatmala project will trigger highway development in India?

- The focus of Bharatmala Pariyojana is on allied expressways, border connectivity and international connectivity.
- It will improve the connectivity with backward and sensitive border areas. This will in turn bring urbanization and real estate growth.
- It will also benefit mountainous and remote areas of the country where connectivity and economic activity is poor.
- It is expected to boost the associated industries like cement and steel sectors and will generate lakhs of jobs.
- The Bharatmala project will also benefit the freight and logistics industry. It will facilitate in bringing down the logistics cost and make Modi government's schemes like 'Make-in-India' more attractive to investors.

## Special Centre for Disaster Research at JNU

26 October '17

"It marks a new beginning in DRM in line with the 10-point agenda for Disaster Risk Reduction (DRR) given by the Prime Minister Narendra Modi during the Asian Ministerial Conference for Disaster Risk Reduction (AMCDRR) last year"

Kiren Rijiju



The Minister of State for Home Affairs Kiren Rijiju inaugurated the Special Centre for Disaster Research at Jawaharlal Nehru University (JNU). Rijiju also released the book 'Disaster Law, Emerging Thresholds' by Prof. Amita Singh, first Chairperson of the new Centre. He also launched the website of the Special Centre for Disaster Research.



## Ports get Grants-in-aid under Sagarmala Coastal Berth Scheme

26 October '17

The Ministry of Shipping has sanctioned Rs 25 Crore as Grants-in-aid to Jawaharlal Nehru Port Trust and another Rs 50 Crore to the Government of Karnataka for Karwar Port, for developing their infrastructure, under the Coastal Berth Scheme of its flagship programme Sagarmala.

The Coastal Berth Scheme aims to provide financial support to ports or state governments for creation of infrastructure for movement of cargo and passenger by sea or national waterways.

The project at Jawaharlal Nehru Port involves construction of a coastal berth (270m x 30m) and port craft jetty, reclamation and capital dredging in

coastal berth. The estimated project cost is Rs. 170.20 crore and the project would be completed by March 2019.

The project at Karwar Port in Karnataka involves extension of the existing Southern breakwater by 145 metres and construction of a new North breakwater of 1160 metres. The estimated cost of the project is Rs. 215.00 crores and it is expected to be complete in three years.

The proposal for 2nd stage development of Karwar

Port involves an extension of the existing Breakwater by 145 metres and construction of a new northern Breakwater of 1160 metres.

This will allow more tranquility for the berthing/unberthing of the vessels and reduce the turnaround time of loading and unloading activities. This will also support the construction of more berths with vertical face in 2nd stage development of



Karwar Port. Construction of the Breakwater will reduce the rate of siltation too and help maintain required draft for safe navigation activities. The deeper draft will allow berthing of larger PANAMAX vessels.

The expansion at both the ports will result in increased shipping activity, employment generation and overall improvement in the socio-economic condition in the hinterland.

Jawaharlal Nehru Port gets Rs 25 Cr to develop its Coastal Berth.

Govt of Karnataka gets Rs 50 Crore for developing Breakwater at Karwar Port.

## Indian Railways to get its first set of solar plants

27 October '17

Indian Railways' first set of solar plants having a total capacity of 15 megawatt peak (MWp) was launched in New Delhi.

The launch was conducted by Union Railway Minister Piyush Goyal.

### Key Highlights

- ✎ The project would help the railways save around Rs 421.4 lakh annually and reduce 6082 tonnes of CO2 emissions.
- ✎ This project is a part of the Union government's National Solar Mission in which Indian Railways plans to commission around 1000 MWp solar plants across its wide rail network.
- ✎ It was awarded in December 2016.
- ✎ The cost of the project is around Rs 37.45 Cr and has been bought in by the developer under the PPP model.
- ✎ The developer would also be maintaining it for 25 years and the Railways will only pay energy consumed at Rs 4.14 per unit.

The launch was conducted at the inauguration of the International Conference on Green Initiatives and Railway Electrification.

The conference mainly aims to plan and come up with a roadmap for identifying various solutions to achieve larger goal of transforming Indian Railways as a 100 per cent de-carbonised, most energy efficient and highest electrified rail network in the world.



The plants built on the roof tops of Hazrat Nizamuddin, New Delhi, Anand Vihar and Delhi railway stations would be generating 76.5 lakh units of solar power cumulatively every year and are expected to meet about 30 per cent of the energy requirement of these stations.

# NEWS BITES | NATIONAL

28 October '17

## Government of India and the Asian Development Bank (ADB) sign \$65.5 Million Loan to support Coastal Protection in Karnataka



The Asian Development Bank (ADB) and the Government of India signed a \$65.5 million loan agreement to continue interventions to check coastal erosion on the Western Coast in Karnataka.

The loan is the Second Tranche of a \$250 million financing facility under the Sustainable Coastal Protection and Management Investment Program. The financing will be used to address the immediate coastal protection needs and

for strengthening institutional capacity of Karnataka's Public Works, Ports and Inland Water Transport Department.

Karnataka's coast supports the state's major economic sectors,

which include fisheries, agriculture,

tourism, ports and other major transport and communication sectors. Coastal erosion in the state, where the project is focused, poses a high risk to human wellbeing, economic development, and ecological integrity through loss of land, infrastructure, and business opportunities. Under increasing threat from climate change impacts, coastal protection and management has evolved as a major challenge to development. Effective and sustainable management of the shoreline is thus vital to sustainable economic and social development of the coastal regions in the state.

The Second Tranche Loan from ADB's ordinary capital resources has a 20-year term. The State of Karnataka, acting through its Department of Public Works is responsible for implementation of overall program, which is due for completion by September 2020.

## Bharat Net project: Phase 1 to be completed by December 2017

The first phase of the national optic fibre network, also known as Bharat Net project, is expected to be completed by December 2017.

The project mainly aims to deploy high-speed optical fibre cables across rural areas. Hence, its completion will provide internet access to around 100,000 gram panchayats.

### About Bharat Net Project

Bharat Net or National Optical Fibre Network (NOFN) is Union Government's ambitious rural internet connectivity

programme which is implemented by Bharat Broadband Network Limited (BBNL).

It was launched in October 2011 to provide broadband connectivity to all 2.5 Lakh Gram Panchayats.

So far, the project has reached 83,000 Gram Panchayats.

It is world's largest rural broadband connectivity programme using Optical fibre.

### Main Aim

The primary objective of the project is to extend the existing optical

fibre network up to Panchayat level.

### Funding

The entire project is being funded by Universal service Obligation Fund (USOF), which was set up for improving telecom services in rural and remote areas of the country.

### Implementation

The project is a Centre-State collaborative project, with the States contributing free 'Rights of Way' for establishing the Optical Fibre Network. The project would be implemented in three phases:

28 October '17



**01** The first phase aims to provide one lakh Gram Panchayats with broadband connectivity by laying underground optic fibre cable (OFC) lines by March 2017.

**02** The second phase will provide connectivity to all 2, 50,500 Gram Panchayats in the country using an optimal mix of

underground fibre, fibre over power lines, radio and satellite media. It is to be completed by December 2018.

**03** In the third phase from 2018 to 2023, state-of-the-art, future-proof network, including fibre between districts and blocks with ring topology to provide redundancy would be created.



**29 October '17**

## Observance of 'Rashtriya Ekta Diwas' on 31st October



The Government observes 31st October all over the country as a day of special occasion, to foster and reinforce the Government's dedication to preserve and strengthen unity, integrity and security of our nation, by celebrating it as Rashtriya Ekta Diwas to commemorate the birth anniversary of Sardar Vallabhbhai Patel, one of the founding fathers of the Republic of India.



## First International Conference on Consumer Protection

**28 October '17**

The First International Consumer Protection Conference on "Empowering consumers in new markets" for the South, South East and East Asian Countries was held in New Delhi. Narendra Modi inaugurated the Conference which was attended by 1600 participants. The Conference was chaired by Ram Vilas Paswan, Union Minister for Consumer Affairs, Food & Public Distribution.

The deliberations and exchange of experiences led to the following conclusions:

1. The comprehensive implementation of the United Nations Guidelines for Consumer Protection is a priority for Governments and stakeholders in ensuring more effective and better-coordinated protection efforts in all countries and across all areas of commerce.
3. The protection of consumers' rights in the digital context is important for a sustainable and inclusive development of e-commerce, which also needs to

address cross-border cooperation and enforcement.

4. Consumer protection is essential for well-functioning financial markets, and efforts should be devoted to achieve financial consumer literacy and inclusion.
5. Consumer education is paramount to maximize consumer empowerment, needing new and innovative ways to reach and enhance consumers' knowledge of their rights and obligations in the marketplace.
7. Creating a structured mechanism for communication, mutual sharing of best practices, creating new initiatives for capacity building and starting joint campaigns in this regard should be pursued in mutual interest.

Towards meeting these objectives, it was decided that Regional Consumer Protection Conferences on biannual basis will be considered, in consultations with countries in the Region regarding the structure and organisational details.

## MSME Samadhaan Portal

**30 October '17**

The Union Government launched MSME (Micro, Small and Medium Enterprise) delayed payment portal 'MSME Samadhaan' (<http://msefc.msme.gov.in>). The portal was launched with an aim to empower micro and small entrepreneurs (MSEs) across the country to directly register their cases related to delayed payments by Central Ministries, Departments, CPSEs or State Governments.

Highlights of the MSME Samadhaan Portal

- ✎ The portal will give information about the pending payments of MSEs with individual CPSEs, Central Ministries, State Governments, etc.
- ✎ The CEO of public sector enterprises and the Secretary of the Ministries concerned will also be able to monitor the cases of delayed payment under their jurisdiction and issue necessary instructions to resolve the issues.
- ✎ The portal will help in monitoring the delayed payments in a more effective manner.
- ✎ The information on the portal will be available in public domain with an aim to exert moral pressure on the defaulting organisations.
- ✎ It will also empower the MSEs to access the portal and monitor their cases.



## International Conference on Green Initiatives & Railway Electrification

30 October '17



Minister of Railways & Coal Piyush Goyal inaugurated International Conference on Green Initiatives & Railway Electrification organised by Ministry of Railways through Institution of Railways Electrical Engineer (IREE) India. Electrification is a powerful measure to achieve cost effectiveness. It improves mobility by use of high power energy efficient Locomotives, facilitate shift of traffic from road to rail and also to reduce carbon footprints. In addition electrification will also reduce traction energy bill substantially from present energy bill of Rs 26,500 Cr. to Rs 16,000 Cr i.e. by about 40%, thereby will improve operating ratio. IR has already reduced the electric traction bill of Rs 10,600 Cr in 2014-15 by about Rs 1200 Cr over the last two years by procuring power under Open access and the same is likely to reduce further, giving railway an annual saving of about Rs 3000 Cr by end of this financial year.

The main objective of the two days international conference is to bring green power project developers and other stakeholders on a common platform for making Indian Railways (IR) an efficient and Greener mode of transport. This will open an international discussion on various Green initiatives including use of renewable energy, shift towards electric traction, development of new locomotive technology, high speed rail traction system and development in generation of Solar/Wind power as well as use of energy in efficient ways. This conference has the aim for giving boost to 'Make in India' and 'Innovative India' campaigns.

Theme of the conference aims at achieving following activities:

- 1) Moving Indian Railways towards 100% Electric traction – Showcase new technologies, mechanisation and innovative solutions for speedy electrification.
- 2) Meeting Indian Railways high speed Locomotive requirements.
- 3) OHE for 200 kmph- Requirements & How to achieve in existing OHE.
- 4) Solutions for Energy Efficiency and increasing use of Renewable Energy on Indian Railways.

Objectives of the Conference:

In brief, this conference aims to:

- ✎ Increase awareness among the stakeholders about Green Energy options available on Indian Railways;
- ✎ Evaluation of the existing policies & risk factors, suggest improvements and explore future opportunities;

Mission Electrification, a strategic shift for Railways is a bold initiative taken up by Indian Railway wherein it has been decided to undertake electrification of complete railway network at a rapid pace. This along with Decarbonization initiatives will propel increased use of Renewables in Railways.

- ✎ Explain the commercial aspects of these technologies, identification of business opportunities and the related risk mitigation options;
- ✎ Formulate strategy for successful implementation;
- ✎ Discuss de-carbonization through successful carbon foot-printing;
- ✎ Comparison with other countries and benchmarking;
- ✎ Discuss case studies on successful pilot projects;
- ✎ Moving IR towards 100% Electric traction - Showcase new technologies and innovative solutions for speedy electrification;
- ✎ Meeting IR's high speed Locomotive requirements;

In line with this vision, following action plan is undertaken:

- a) Electrification of Railway Tracks
- b) Mission 41K & Open Access

To further bring down the energy bill on Indian Railways, Railway have started procuring power through 'Open Access' and in this year the electric traction bill is likely to reduce by Rs 2500 Cr. i.e. 25% on annualized basis as against the bill of 2014-15. As you may be aware that earlier Mission 41K was launched with an aim to generate a cumulative saving of about ₹41,000 cr in electric traction bill from 2015 to 2025 by procuring power from 'Open Access'. Railways is doing much better than what was targeted and till Sept. 2017 they have saved about Rs. 5100 Cr, i.e. Rs. 1000 Cr, more than what was estimated in Mission 41k document.

- c) Harnessing Renewable Energy on Indian Railways to reduce energy cost and carbon footprints

Indian Railways has planned to set up about 1000 MW solar and about 200 MW wind power plants by 2020-21 across Zonal Railways & Production Units.

- d) Production of Energy Efficient High Horsepower Locomotives

- e) Head On Generation (HOG)

Indian Railways have introduced HOG system wherein the lighting, air-conditioning and other electrical loads of passenger coaches would be fed directly from electric power drawn by locomotive from grid. This system will do away with the requirement of diesel power car for feeding electric supply to coaches and also enable in carrying additional passengers.

02 November '17

## World's highest motorable road in Ladakh

The Border Roads Organisation (BRO) has constructed the world's highest motorable road in Ladakh region of Jammu and Kashmir, passing through Umlingla Top at a height of over 19,300 feet. The feat was achieved under 'Project Himank' of the organisation. The 86km long strategic road will connect Chisumle and Demchok villages, located 230 Kms from Leh. The villages lie very close to the Indo-China border in eastern sector.

Other high-altitude roads built under Project Himank include Khardangu La at an altitude of 17,900 ft and Changla Pass at 17,695 ft in Leh.

### KHARDUNG LA

Is it the Highest Motorable Road in the World?

## Railways launch main arch on world's highest bridge on Chenab

06 November '17

The Indian Railways has commenced the main arch of the world's highest bridge on the River Chenab in Jammu and Kashmir's Reasi district. This will provide direct connectivity to the Kashmir Valley.

The iconic bridge of Jammu & Kashmir will ascend 359 metres above the bed of the River Chenab and will be 30 metres upper than the iconic Eiffel Tower in Paris.

The start of the main arch is a remarkable effort as it requires carrying heavy segments from two ends of the bridge - Kauri end and Bakkal end and involves the world longest cable crane arrangement.

International and National consultants have been engaged during different stages of the project. Detailed seismic studies, geo-physical studies and slope stability studies have been included.



### About the bridge

- ✎ The bridge is 1.3km long which is being built at a cost of Rs 1250 crore.
- ✎ The bridge forms the critical link in the 111-km stretch between Banihal and Katra which is part of the Udhampur-Srinagar-Baramulla section of the Kashmir Railway project.
- ✎ The iconic bridge is part of the flagship Udhampur-Srinagar-Baramulla Rail Link (USBRL) Project and being built on River Chenab on the Katra-Banihal section.

## Deen Dayal SPARSH Yojana

07 November '17

### Highlights of the Deen Dayal SPARSH Yojana

- ✎ Under the SPARSH scheme, the government will award annual 920 scholarships to children of Class VI to IX having good academic record while pursuing Philately as a hobby through a competitive selection process in all postal circles.
- ✎ Every Postal Circle will select a maximum of 40 scholarships representing 10 students each from Class VI, VII, VIII and IX.
- ✎ The amount of the Scholarship will be Rs 6000 per annum at the rate of Rs 500 per month.
- ✎ In order to avail this scholarship, a child must be a student of a recognized school within India and the concerned school should have a Philately Club and the candidate should be a member of the Club.
- ✎ In case if the school Philately Club has not been established, a student having his own Philately Deposit Account will also be considered for the scholarship.
- ✎ Every potential school will be assigned a Philately mentor to be chosen from amongst the renowned Philatelists.
- ✎ The Philately mentor will help in formation of the School level Philately Club, providing guidance to young and aspiring Philatelists on how to pursue the hobby.



Philately is the hobby of collection and study of Postage stamps. It also includes collection, appreciation and research activities on stamps and other philatelic products. Philately teaches a lot about the socio economic political reality of the period in which the stamp is issued.

## She-Box Online Complaint Management System

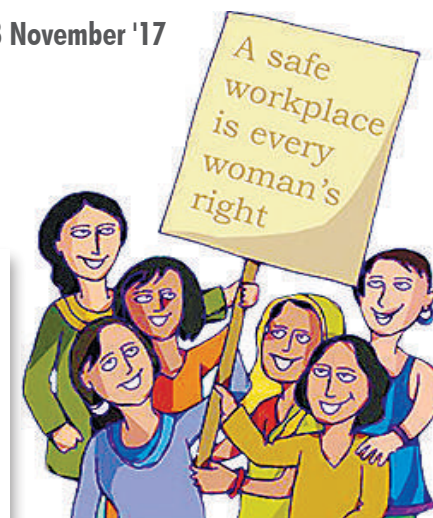
08 November '17

To ensure the effective implementation of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act (the SH Act), 2013, the government has launched a comprehensive SHe-Box. It is an online complaint Management System for women working in both public and private organizations to lodge complaints of sexual harassment at workplace.

### Key features:

The new SHe-Box portal offers the facility of making online complaints of sexual harassment at workplace to all women employees in the country including government and private employees.

Those who have already filed a written complaint with the concerned Internal Complaint Committee (ICC) or Local Complaint Committee (LCC) constituted under the SH Act are also eligible to file their complaint through this portal.



## 08 November '17 Grahak Sadak Koyla Vitaran App

The government has launched 'Grahak Sadak Koyla Vitaran App' benefitting customers of Coal India Limited (CIL) lifting coal through road mode. The app is for the benefit of customers lifting coal through road mode. It is a step towards transparency in the system of loading programme and despatch.

### Key features of the app:

It provides date-wise, truck-wise quantity of coal delivered against the Sale Orders and information related to Scheme-wise, Colliery-wise, Grade-wise, customer-wise details of Sale Orders issued during a period. In terms of loading it provides allotment verses lifting status in details from different sources truck by truck and summary of the despatch.

08 November '17

## Odisha Higher Education Programme for Excellence & Equity (OHEPEE) Project

India and World Bank signed a financing agreement for loan of USD 119 million for the Odisha Higher Education Programme for Excellence & Equity (OHEPEE) Project. The loan will be provided by the International Bank for Reconstruction and Development (IBRD), subsidiary of World Bank.

### Highlights of the OHEPEE Project

- ✎ The objective of the project is to improve the quality of students equitable access to selected institutions in Odisha through Institutional Development Plan Grants.
- ✎ It will enhance governance of the higher education system by improving governance in colleges and through improvement of financial and procurement management in all government and government-aided colleges.
- ✎ The project is expected to be completed by 30 November 2022.

## National Testing Agency to conduct entrance examinations

11 November '17

The Union Cabinet chaired by Prime Minister Narendra Modi approved creation of National Testing Agency (NTA) as an autonomous, self-sustained organisation to conduct entrance examinations for higher educational institutions. The cabinet approved creation of the agency as a society registered under the Indian Societies Registration Act 1860. To start off, the agency will be given a one-time grant of Rs 25 Cr from the Union Government.

### Key Duties of NTA

- ✎ The agency would initially conduct the entrance examinations that are currently being conducted by the CBSE.
- ✎ Other examinations will be taken up gradually after NTA is fully geared up.
- ✎ The entrance examinations will be conducted online at least twice a year, thereby giving adequate opportunity to candidates to bring out their best.
- ✎ The agency would also locate centres at sub-district/district level in order to serve the requirements of the rural students.
- ✎ It would also undertake hands-on training for the students.



15 November '17

## BS-VI grade auto fuels from 2018

Considering the serious pollution levels in Delhi and adjoining areas, the Union Petroleum Ministry announced the preponement of introduction of BS (Bharat Stage)-VI grade auto fuels in National Capital Territory, Delhi with effect from 1 April 2018 instead of 1 April 2020.

The decision was taken in consultation with Public Oil Marketing Companies (OMCs). These OMCs were also asked to examine the possibility of introduction of BS-VI auto fuels in the whole of NCR area with effect from April 2019. The decision is aimed at reducing the vehicular emissions and improving the fuel efficiency to reduce the carbon footprints and keep a healthy environment. Bharat Stage (BS) norms are the regulatory pathway for fuel quality and vehicle emissions standards.



## Saubhagya Web Portal

17 November '17

Union Minister of State for Power and Renewable Energy RK Singh launched the Web Portal for Pradhan Mantri Sahaj Bijli Har Ghar Yojana 'Saubhagya'. The portal can be accessed at <http://saubhagya.gov.in>.

The Saubhagya Web portal will ensure transparency and will accelerate household electrification in rural as well as urban areas in the country.



### Highlights of Saubhagya Web portal

- ✎ Through Saubhagya Web portal, every State can fill in the current status of progress of electrification works which will enable accountability for the State utility/ DISCOM.
- ✎ It offers a feature on village electrification camps and in line with that, DISCOMs will organize camps in villages for facilitating instant filling up of application forms and to complete requisite documentation to expedite release of electricity connections to households.
- ✎ States may announce the schedules of the village camps to be held on this portal to create awareness among the people about the one-stop facility for getting electricity connections.
- ✎ DISCOMs/ State Power Department will be required to adopt the innovative mechanism for collection of data in electronic form including collection of application form for obtaining electricity connections.

## Daily Drug Regimen for treatment of Tuberculosis

20 November '17

The Union Ministry of Health and Family Welfare launched Daily Drug Regimen for treatment of Tuberculosis (TB) across the country under The Revised National TB Control Programme (RNTCP).

Earlier, the Health Ministry was providing the treatment of tuberculosis thrice weekly, however it has now decided to change the treatment strategy for TB patients from thrice weekly to daily drug regimen using fixed dose combinations (FDC) for treatment.

The move is aimed at bringing the transformation in the approach and the intensity to deal with this disease which accounts for about 4.2 lakh deaths every year.

### Key Highlights

- ✎ The daily FDC anti-TB drugs will be made available to private pharmacy or at private practitioners to dispense to TB patients who seek care in private sector, depending upon the convenience of patient.
- ✎ The Health Ministry will also make anti-TB drugs available to all major hospitals, IMA, IAP and other professional medical associations to expand the access to daily FDC to all TB patients.
- ✎ Under this treatment strategy, Ethambutol will be given in continuation for all patients on daily basis along with fixed dose combination (FDC) tablets to reduce the pill burden (as against separate 7 tablets previously) for children.
- ✎ As per WHO Global TB Report 2017, the incidence of TB has reduced from 28.2 lakh to 27 lakh over the last one year, which is a testimony of anti TB drive by Union Government.

## Burning Topics of the Month

**Meghalaya Election  
department to feature in  
Limca Book of Records**

**Carbon-free tourism in  
Majuli**

**Odisha imposes 7-month  
ban on fishing to protect  
endangered Sea turtles**

**& Many More...**

21 October '17

### Assam Government's new Tourism policy

"Tourism shall be accorded industry status in the state and all facilities and incentives applicable to industries shall be made available to Tourism industry also".

Dr. Himanta Biswa Sarma, Tourism Minister, Assam



### Tagline

Awesome Assam

**Brand  
Ambasador:**

Priyanka Chopra

The state government of Assam launched a new Tourism policy- 'Tourism Policy of Assam 2017' with the aim of increasing tourist inflow in the state two to three folds within the next five years. The new policy will be effective starting January 2018 till December 2022.

#### Key Highlights

- ✎ The policy paper is aimed at creating a policy framework to move tourism into a major economic sector of Assam, increasing the inflow of tourists' by at least two to three folds in the next five years.
- ✎ Its main focus is to make Assam a film making destination by offering a range of incentives to movie producers to come and shoot in the state.
- ✎ It will also encourage the private sector to pro-

actively participate and invest in tourist places in the tourism sector.

- ✎ A special incentive will be offered as additional 10 per cent capital grant up to Rs 25 lakh for investment in remote/potential tourist destination of Assam.
- ✎ It also offers a range of financial benefits for constructing approach roads and installing renewable energy sources at tourist units.
- ✎ According to 2014 data, 45, 00,000 domestic and 20,000 foreign tourists visited Assam.

#### Subsidy to Filmmakers

- ✎ A cash grant of 25 per cent or Rs 1 Cr, whichever is less, of expenditure in Assam will be offered as reimbursement to Hindi, English and foreign language cinema makers,

who have produced a minimum of five feature films.

- ✎ However, to avail the same, the film-makers will have to shoot at least 25 per cent of the film in the state and hire at least 25 per cent of the cast and crew from the state.
- ✎ The state would be giving an additional 10 per cent grant if the film's storyline is based on Assam's culture, tourism and heritage.
- ✎ Besides this, it will provide another 10 per cent rebate if more than 50 per cent of the film shooting is done in the state.
- ✎ The producers, who have produced a minimum of 10 films in Hindi, English or foreign languages, would be provided with free accommodation

and transport for their important casts during the period of their stay in the state for the shoots.

#### Other Subsidies

The policy also offers a host of other subsidies, including 50 per cent reimbursement of net state GST paid for 10 years by a new tourism unit that will start commercial operations by December 2022, subject to maximum of 100 per cent fixed capital investment.

It will also provide a capital investment subsidy at the rate of 30 per cent of capital investment, subject to a ceiling of Rs 1 Cr, to tourist lodges, hotels, resorts, houseboats and floating restaurants.

Besides, a subsidy of 25 per cent of cost payable for connecting power line to the eligible tourism units with a ceiling of Rs 10 lakh will also be provided.

21 October '17

**PG hostels for cattle'**

A new concept introduced by Haryana  
(White Revolution)

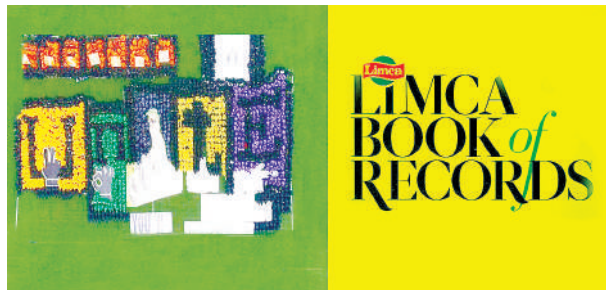
The Haryana government has decided to introduce a new concept for people living in high-rise buildings in urban areas but want to rear their own cattle to get quality milk.

- ✎ The government will set up 'PG hostels for cattle' for those people.
- ✎ The project will be first of its kind. The Animal Husbandry and Agriculture Minister, said that under this ambitious project about 50 to 100 acres of land would be earmarked in a town, where 'PG hostels for cattle' would be set up to provide a central place for mulch cattle.
- ✎ The government is in the process to establish dairy industry in the urban areas so as to further boost the white revolution in the state.

**Meghalaya Election department to feature in Limca Book of Records**

24 October '17

The Election department of Meghalaya state has won an entry in the Limca Book of Records for forming a human logo with newly-enrolled young voters of Meghalaya on 1 July 2017.



The information was shared by Limca official Garima Manon with the office of Meghalaya Chief Electoral Officer on 24 October 2017.

**Key Details**

- ✎ A total of 2870 students from 113 schools, 3 colleges falling between the age group of 18-19 enrolled as new voters and formed a 75 feet by 120 feet size human logo that read Mission Unite- You 'N' I (towards Enrolment).
- ✎ The drive was conducted in July at the Jawaharlal Nehru Sports Complex in Shillong.
- ✎ The logo would be featured in the upcoming edition of the Limca Book of Records, which will be published in November 2017.
- ✎ The state assembly elections of Meghalaya are expected to be held during February-March 2018.

**Madras HC bans photographs of living persons on sign-boards**

24 October '17

The Madras High Court banned the use of photographs or pictures of living persons on banners, flex boards and sign-boards across the state of Tamil Nadu. The court stated in its ruling, "If at all any permission is given by the authority concerned for erecting banners, flex boards, sign-boards, the authority concerned shall ensure that the photographs/pictures of such persons, who are alive, shall not be depicted by way of those banners, flex boards, sign-boards.

**Background**

- ✎ Justice S Vaidyanathan passed the order while hearing a PIL filed by B Thiruloohana Kumari, a resident of Rani Anna Nagar, who had appealed to the court to direct the Chennai Corporation and the city commissioner of police to remove political party banners and flags that were put up in front of her property.

Following the hearing, the court issued a series of directions to the Chief Secretary to ensure that the provisions of the Tamil Nadu Open Places (Prevention of Disfigurement) Act, 1959 were complied with.

The directions of the court include:

- To ensure that the photographs or pictures of the persons, who are sponsoring such banners, shall also not be depicted.
- To send a circular in the same regard to all office-bearers of the wards of the town panchayat, panchayat union, municipality and corporation.

The ban would imply no more hoardings carrying publicity material of political parties or actors with images of living personalities in public spaces. This applies to random flex boards erected by individuals as well.







## Vrindavan, Barsana declared as Sacred Sites

28 October '17

The Uttar Pradesh government issued an order notifying Vrindavan and Barsana towns in Mathura district as 'sacred pilgrimage sites' ('pavitra teerth sthals'). With this, Vrindavan and Barsana became the first two places to be notified as teerth sthal in government records. No meat and liquor shops will be allowed in these towns anymore.

As per the state government, the main objective behind declaring Vrindavan and Barsana as pilgrimage sites is to honour the sentiments of devotees, who are hurt by the operations of liquor and meat shops. The move will help in restoring the age-old traditions of these places.

**No meat and liquor shops allowed in the city**

## Pradhan Mantri Bhartiya Jan Aushadhi Pariyojana

31 October '17



"This will be a revolutionary step in healthcare and we will also urge doctors to prescribe for generic drugs. This will help people save money and bring relief to the public,"

Ramdas Athawale

Union Minister for state for social justice and empowerment, Ramdas Athawale launched the Pradhan Mantri Jan Aushadhi Pariyojana during the fourth workshop of "Pradhan Mantri Bhartiya Janaushadhi Pariyojana" in Mumbai.

### About Jan Aushadhi Pariyojana

The Pradhan Mantri Jan Aushadhi Pariyojana was launched by Prime Minister Narendra Modi with an objective of making high-quality medicines available to all at affordable prices, especially to the poor and underprivileged, through exclusive outlets such as Jan Aushadhi Medical store.

The scheme would make quality drugs available at affordable prices through dedicated stores selling generic medicines.

The medicines, though lesser in price, are equivalent in quality and efficacy as expensive branded drugs.

### Key objectives of the scheme

- ✎ To promote greater awareness about cost effective drugs and their prescription.
- ✎ To make available unbranded quality generic medicines at affordable prices through public-private partnership.
- ✎ To encourage doctors, more specifically in government hospital to prescribe generic medicines.
- ✎ To enable substantial savings in health care, especially in the case of poor patients and those suffering from chronic ailments requiring long periods of drug use.

## Telangana's first Mother's Milk Bank

31 October '17

Telangana's first Mother's Milk Bank was inaugurated by Union Minister of State for Health and Family Welfare in Hyderabad.

### Aim:

The milk bank is aimed at providing pasteurized

human breast milk to premature neo-natal babies of mothers who are unable to lactate due to serious health complications.

The centre in coordination with the states has taken up several cost-effective measures to promote the

best breastfeeding practices to increase the survival rate of new born.

### Significance:

India is one of the countries in the world which is contributing to the highest number of deaths of the new born.

It is as high as 30 percent of total deaths globally which are taking place in the world of the new born.

This is significant in bringing down the high number of deaths of the new born.

01 November '17

## Loan agreement for Assam Rural Transformation Project

India and the World Bank signed USD 200 million loan agreement for the Assam Agribusiness and Rural Transformation Project. The loan will have a 7 year grace period and a maturity of 16.5 years.

### Highlights of the Assam Agribusiness and Rural Transformation Project

- ✎ The project will be implemented in over 16 Districts of Assam.
- ✎ It will help Assam in increasing agricultural productivity by strengthening the farming systems, raising private sector investments to create better job opportunities.
- ✎ Specific focus will be given to women-led enterprises and their participation in the decision-making process of farmer producer organizations.

- ✎ It will benefit over 500000 farming households and is expected to see the participation of at least 30 per cent women.
- ✎ The project will be implemented through a geographic cluster approach to make use of synergies and pool resources to increase the competitive advantage of these products.
- ✎ Successful clusters will also continuously innovate and adapt 'best practices' across agricultural value chains.
- ✎ It will also promote market-led production that can deal with climate change as Assam's agriculture sector is highly vulnerable to climate variability and experiences recurrent floods and droughts.

02 November '17

## Carbon-free tourism in Majuli

The Assam Tourism Development Corporation launched the Majuli Sustainable Tourism Development Project to encourage carbon-free tourism experience in the country's largest river island, Majuli. Thirty cycles painted in orange will be launched as part of the carbon-free travel experience at Majuli. The objective behind the project is to create an environmental protocol for tourism industry in the island.

02 November '17

## Lifetime pensions for 'Hindi Satyagrahis' in Haryana

The state government of Haryana announced lifetime monthly pension of Rs 10,000 for 'Hindi Satyagrahis' and those from the state who were jailed during the Emergency.

The state government also announced that it would be providing enhanced financial assistance to World War-II veterans and their widows. Besides this, 10 hours electricity supply to farmers will also be provided.

02 November '17

## Odisha imposes 7-month ban on fishing to protect endangered Sea turtles

The state government of Odisha imposed a seven-month ban on sea fishing activity in order to protect the Olive Ridley sea turtles. The move has been brought on, as the breeding season of the endangered marine animals is approaching. The ban will hold until 31 May 2018. The ban on fishing activity was clamped within 20 km off the coastline of Dhamra-Devi-Rushikulya river mouth.

- ✎ Nearly 26,000 marine fishermen in coastal districts of Puri, Kendrapara, Ganjam and Jagatsinghpur are likely to be affected due to the ban.

### About Olive Ridley sea turtles

- ✎ The sea turtles are found in warm and tropical waters, primarily in the Pacific and Indian Oceans.

- ✎ The coast of Odisha in India is the largest mass nesting site for the olive ridley.
- ✎ The turtles are considered endangered because of their few remaining nesting sites in the world.

### Highlights

- ✎ The trading hub is expected to be built in an area of 600 acres near Gurugram.
- ✎ The public-private project is expected to generate employment for around six lakh people.
- ✎ It is also expected to attract investment worth Rs 20,000 Cr.

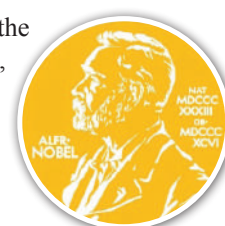


## Goa to host Nobel Prize Event in February 2018

05 November '17

The state government of Goa signed a trilateral memorandum of understanding (MoU) with the Department of Biotechnology, Union Ministry of Science and Technology and Nobel Media, Sweden to host the Nobel Prize Series - India event during 1-28 February 2018.

The event will be jointly organized by Department of Bio-Technology, Union Ministry of Science and Technology in collaboration with Department of Science and Technology and Nobel Media AB, Sweden.



## Burning Topics of the Month

**India ranked 75th in  
Global Passport Power  
Rank 2017**

**Nicaragua signs Paris  
Climate Agreement**

**MoU between India  
and Philippines on  
agriculture**

**& Many More...**

**23 October '17**

### Sri Lanka commissioned the Offshore Patrol Vessel (OPV)

Sri Lanka Coast Guard has commissioned the Offshore Patrol Vessel (OPV), CG 60 provided by Indian coast guard last month as ship 'Suraksha'.

- ✎ This is the first OPV to be inducted by Sri Lankan coast guard and will be the largest ship in its fleet.
- ✎ The ship was officially handed over to Sri Lankan coast guard last month and shows the growing cooperation between the two neighbours for better surveillance in Indian Ocean.
- ✎ It is the biggest patrol vessel in Sri Lankan coast guard fleet and will be used for humanitarian assistance and disaster response operations.
- ✎ Indian navy has rendered invaluable assistance to its Sri Lankan counterpart and the latter has ordered two navy warships from India.
- ✎ It received its largest warship built at Goa shipyard in July while another one will be delivered by February next year.
- ✎ Both countries are working closely to safeguard free navigation in Indian Ocean region.



### 2nd World Congress on Marxism

**23 October '17**

The 2nd World Congress on Marxism is scheduled to be held in Peking University in Beijing in May 2018. The theme of this 2nd World Congress is "Marxism and the current world and China".

- ✎ The congress is expected to attract more than 300 Marxism researchers to discuss Marxism in the 21st century and its developments in China.
- ✎ The congress coincides with the 200th anniversary of Karl Marx's birth and 40th anniversary of China's reform and opening-up.
- ✎ It will help to interpret to the world academic circle the "China road, China theory and China experience".

**23 October '17**

### WHO removes Robert Mugabe as Goodwill Ambassador

The World Health Organisation (WHO) cancelled the appointment of Zimbabwe President Robert Mugabe's appointment as its Goodwill Ambassador for Non-communicable Diseases (NCDs) in Africa. Mugabe's removal as Goodwill Ambassador came following outrage among Western donors and rights groups at his appointment. Mugabe was appointed at a global conference in Uruguay on Non-communicable Diseases by WHO Director General Tedros Adhanom Ghebreyesus, an Ethiopian and the first African to lead the United Nations' health agency WHO.



Mugabe is blamed in the West for destroying Zimbabwe's economy and for numerous human rights abuses during his 37 years tenure of leading the country as either President or Prime Minister. It is also believed that under Mugabe's authoritarian rule, Zimbabwe's health care system suffered badly, with hospitals frequently lacking essential supplies and nurses and doctors regularly left without pay. WHO is currently struggling to deal with the cholera outbreak in Yemen that has infected some 800,000 people in 2016. It is also dealing with the outbreak of plague in Madagascar that has killed nearly 100 people in two months.



24 October '17

## Nicaragua signs Paris Climate Agreement

Central American country Nicaragua on 23 October 2017 signed the Paris Agreement on climate change, leaving the United States and Syria as the only two countries holding out to sign this global climate pact. Previously, Nicaragua refused to sign the agreement on the grounds that it did not require to combat global warming.

### US withdrawal from Paris agreement

President Donald Trump on 1 June 2017 withdrew the United States from the landmark 2015 Paris agreement to fight climate change.

Trump stated that the Paris accord will undermine the US economy, cost US jobs, weaken American national sovereignty and put the country at a permanent disadvantage to the other countries of the world. The United States was one of 195 nations that had agreed to the accord in December 2015.



### About Paris Climate Deal:-----

- ✎ It is world's first comprehensive climate agreement.
- ✎ It is an agreement within United Nations Framework Convention on Climate Change.
- ✎ It deals with green house gas emissions mitigation, adaptation & finance starting in the year 2020.
- ✎ India ratified the agreement on 147th anniversary of Mahatma Gandhi.

## Qatar to introduce minimum wage for workers 26 October '17

Qatar announced that it would be introducing a minimum wage for workers with the aim "to meet the necessary needs of the workers, to enable them to live at an appropriate humanitarian level". The country has been under global scrutiny over its alleged ill-treatment of migrant labourers.

The information was shared by the country's Minister of administrative development, labour and social affairs - Issa Saad al-Jafali al-Nuaimid during an International Labour Organisation (ILO) meeting that could see the launch of a formal investigation by the UN agency into Qatar's treatment of migrant workers.

### Background

- ✎ According to many unions and Human Rights groups, workers and laborers have been lured to work in the oil-rich nation for considerably less money than what was promised to them earlier.
- ✎ There has also been widespread criticism on the workers not getting paid their dues on time.
- ✎ In February 2015, Qatar introduced the Wage Protection System, a major reform that was designed to ensure workers receive their salaries electronically, either within a fortnight or monthly.

## India ranked 75th in Global Passport Power Rank 2017 26 October '17

India has been ranked 75th in the Global Passport Power Rank 2017 which was released on 25 October 2017 by global financial advisory firm Arton Capital.

Singapore has topped the list with a score of 159 in visa free category, topping the list.

Germany was ranked second, followed jointly by Sweden and South Korea in third place. Last year in 2016 India was on 78th position

### Global Passport Power Rank



### Highlights of the Passport Index

- ✎ Following Paraguay's removal of visa requirements for Singaporeans, Singapore bagged the first rank at the Global Passport Index. This was the first time when an Asian nation got the most powerful passport in the world.
- ✎ South Korea, Japan and Malaysia were three Asian nations that were included in Top 20.
- ✎ India ranked above Bhutan, Vietnam, Sri Lanka and Nepal (ranked 90), Bangladesh (ranked 92) and Pakistan (94).

### About Global Passport Power Rank 2017

- ✎ Passport Index is led by global financial advisory firm Arton Capital.
- ✎ It takes into account the passports of 193 United Nations member countries and 6 territories while ranking.
- ✎ The index ranks national passports on the basis of cross-border access, visa-free score according to the number of countries a passport holder can visit visa-free or with visa on arrival.
- ✎ UNDPHDI is used as one of the methodologies to determine the nation with most powerful passport.

27 October '17

## Agreement between India & Sri Lanka



- India signed a Memorandum of Understanding (MoU) with Sri Lanka to build 1200 houses in Hambantota, a southern port city of Sri Lanka.
- The MoU was signed by Indian High Commissioner to Sri Lanka Taranjit Singh Sandhu and Sri Lanka's Secretary to the Ministry of Housing and Construction W.K.K. Athukorala.
- The project will target low income landless and homeless beneficiaries.

### Key Highlights

- The houses will be constructed through 50 model villages using Indian grant assistance of Rs 600 million.
- A cash grant of Rs 500000 will be provided to each beneficiary in five instalments.

29 October '17

## India to host UN wildlife summit CMS COP13 in 2020

- United Nations Environment Programme (UNEP) announced that India will host the next CMS Conference of the Parties 13 (CMS COP13) in the year 2020. CMS COP is a global wildlife conference.
- The announcement was made during the 12th Meeting of the Conference of the Parties 12 (COP12) to the Convention on the Conservation of Migratory Species of Wild Animals (CMS) held from 23 – 28 October 2017 in Manila, Philippines
- The theme of the Conference was 'Their Future is Our Future - Sustainable Development for Wildlife and People'.

### About CMS Conference of the Parties (COP)

- CMS COP is a triennial summit that brings together States through which migratory animals pass through.
- It lays down the legal foundation for internationally coordinated conservation measures for these animals.
- CMS COP is held once in three years.

29 October '17

## Saudi Arabia to allow women into sports stadiums from 2018

- Turki Al-Asheikh, Chairman of the General Sports Authority of Saudi Arabia announced that Saudi women will now be able to attend sports events in stadiums starting from 2018.



- The move is aimed at empowering and engaging women in the society as an integral part of the development process.
- The announcement to allow women into sports stadiums comes just one month after Saudi Arabia's Crown Prince Mohammed bin Salman issued a decree allowing women to drive, ending a longstanding ban on female motorists in the ultra-conservative country.

These changes support Saudi Arabia's "Vision 2030" plan for economic and social reforms.

## India and Tunisia signed MoU

29 October '17

India and Tunisia jointly agreed to enhance cooperation in various sectors. The agreements were signed during the 12th Session of the India-Tunisia Joint Commission. External Affairs minister Sushma Swaraj led the Indian delegation at the meeting, the Tunisian delegation was headed by Khemaies Jhinaoui, Minister of Foreign Affairs of Tunisia.

### The Agreements

- Establishment of Soil, Water and Tissue Testing Laboratory in Tunis.

- Tunisia shared India's concerns on terrorism and agreed to fight against terrorism, extremism, radicalism, drugs and organized crime and cooperate in the field of security including cyber security.
- A proposal to reach the bilateral trade to USD 1 billion in the next five years.
- India called for greater market access in pharma and fertilizer sectors.
- The countries also agreed to set up two new Joint Working Groups:

- JWG on Trade
- JWG on Agriculture

- Six agreements in the fields of Judicial Cooperation, Cooperation in Youth Matters, ICT, Trade and Business were also signed.
- Tunisia announced to become a partner country in the International Solar Alliance.

The Foreign Ministries of the two nations have decided to hold a year-long Festival of India in Tunisia and Festival of Tunisia in India in 2018.

01 November '17

## India, Italy sign 6 MoUs

India and Italy signed six Memorandums of Understanding (MoU) to boost cooperation in various important sectors including energy and trade and railways.

### List of MoU's:

1. Joint Declaration of Intent of Cooperation for Safety in the Railway sector between India and Italy.
2. MoU on 70 years of diplomatic relations between Indian Council of Cultural Relations and Ministry of Foreign Affairs & International Cooperation of Italy.
3. MoU on cooperation in the field of Energy between India and Italy.
4. Executive Protocol on Cultural Cooperation between India and Italy.
5. MoU for promoting mutual investments between Italian Trade Agency and Invest India
6. MoU between the Training Unit of Ministry of Foreign Affairs and International Cooperation, Government of Italy and Foreign Service Institute of the Ministry of External Affairs, India.



07 November '17

## Guinea ratifies International Solar Alliance Framework Agreement

The Republic of Guinea ratified the International Solar Alliance (ISA) Framework Agreement. With this, Guinea became the 15th country to ratify the agreement. The other 14 countries are India, Bangladesh, Comoros, Fiji, France, Ghana, Mauritius, Nauru, Niger, Mali, Seychelles, Somalia, South Sudan and Tuvalu. With the ratification of ISA pact by 15 countries, ISA will now be an international legal body. The ISA framework agreement shall enter into force on 6 December 2017

13 November '17

## MoU between India and Philippines on agriculture

The Union Cabinet gave its approval for signing a Memorandum of Understanding (MoU) between India and Philippines on agriculture and related fields.

The MoU is expected to improve bilateral cooperation in the field of agriculture, mutually benefiting both India and Philippines.



### Key Highlights

- ✎ The MoU will promote understanding of best agricultural practices in the two countries, which will in turn help achieve better productivity along with improved global market access.
- ✎ Under the agreement, the two countries would be cooperating in the field of rice production and processing, multi cropping system, dryland farming systems, bio-organic farming, solid and water conservation and management, soil fertility, sericulture, agro forestry and livestock improvement.
- ✎ The agreement also provides for the establishment of a Joint Working Group, which will comprise equal number of representatives from both the nations.
- ✎ The group would meet once every two years alternatively in India and Philippines.

The second meeting of Island Development Agency (IDA) was held in New Delhi.



13 November '17

## India re-elected as member of UNESCO's executive board

India was re-elected as the member of UNESCO's executive board. The election was held at the 39th session of the General Conference of the United Nations Educational, Scientific and Cultural Organisation in Paris. The executive board is the top decision-making body of the international organisation.

### About General Conference

- ✎ The General Conference consists of the representatives of the member states of the organisation.
- ✎ It meets every two years and is attended by member states and associate members along with observers for non-member States, intergovernmental organisations and non-governmental organisations (NGOs).

16 November '17

## 10th South Asia Economic Summit held in Nepal

The 10th South Asia Economic Summit (SAES-2017) was held in Kathmandu, Nepal. The theme of this three day summit was - "Deepening Economic Integration for Inclusive and Sustainable Development in South Asia".

The 3-day summit was organised by National Planning Commission and Ministry of Commerce of Nepal and South Asia Watch on Trade, Economics and Environment, Nepal.

Approx 200 participants including ministers, members of parliament, former MPs, ambassadors, government officials, researchers, eminent experts and thinkers attended the summit. The summit is a regional platform for discussing and analyzing economic and development issues and challenges faced by South Asian countries and advancing the cause of regional integration and cooperation.

South Asia Economic Summit is like Davos- World Economic Forum event in South Asia. It was started in 2008. It brings together stakeholders from government, research, private sector, academics and civil society to generate innovative and actionable ideas for consideration by region's policymakers and SAARC.

19 November '17

## Forbes list of Asia's Richest Families 2017 released: Ambani family tops the list

The 2017 Forbes list of Asia's Richest Families was released. This year, the list is topped by India's Mukesh Ambani family with a net worth of USD 44.8 billion, which is USD 19 billion increase from the previous year.

The Ambani family supersedes the Lee family of the Samsung empire to claim the first position. This is the first time that an Indian family has topped the Forbes list of Asia's Richest Families.

The collective wealth of Asia's 50 richest families on the list is a record USD 699 billion, a 35 percent increase from last year.

### Key Highlights

- ✎ South Korea's Lee family lost their first spot this year, despite witnessing USD 11.2 billion increase in their wealth. Owner

of Samsung Electronics, Lee family owns a wealth of USD 40.8 billion this year.

- ✎ Hong Kong's Kwok family turned out to be Asia's richest real estate family with 3rd rank in the list. Kwok family controls Sun Hung Kai Properties with a net wealth of USD 40.4 billion.
- ✎ Thailand's Charavanont family behind Charoen Pokphand Group, took the fourth spot on the list, with a net worth of USD 36.6 billion.
- ✎ A total of 43 families from the 2016 list saw increase in their wealth over the past one year, due



to an overall 25 per cent jump in Asia's stock markets.

- ✎ The newcomers in the list are Chey family (39th rank) of South Korea's SK Group, Yoovidhyas of Thailand (22nd rank), Sehgal family of India (41st rank) and Wadia family of India (42nd rank), and the Lees (30th rank) and Tungs (49th rank) of Hong Kong.

**Burning Topics of the Month**

**Reserve Bank of India  
sets up task force on  
PCR**

**Anti-dumping duty  
imposed on US & EU**

**Paytm introduces BHIM  
UPI payments on its  
platform**

**& Many More...**

**21 October '17**

**GSTN launches offline option  
for returns filing**



The Goods and Services Tax Network (GSTN) released an offline facility that will allow taxpayers to finalise their GSTR-3B forms on their own computers before uploading it on the portal.

**Key Highlights**

- ✎ The Excel based offline utility has been introduced for filing the GSTR-3B on the GST Portal.
- ✎ This offline facility will provide an opportunity to the taxpayer to verify the details of GSTR 3B before filing GSTR-3B returns and minimise chances of error.
- ✎ It is designed to help taxpayers to prepare their GSTR-3B return on their computer system.
- ✎ The taxpayer can download the offline utility from the GST Portal under the Download Section and can fill data and create file for uploading the same on GST Portal.
- ✎ The offline facility functions work best on Windows 7 and above and Microsoft Excel 2007 and above.

**21 October '17**

**IT Department launches 'online chat' for taxpayer's**

The Income Tax Department has launched an online chat service for taxpayers to answer their basic queries and doubts relating to direct tax issues.

The initiative is aimed at enhancing taxpayer services in the country. A team of experts from the department and independent tax practitioners has been deputed to answer the general queries of a taxpayer.

**Key Details**

- ✎ Users can enter the chat room by providing their email-id and ask questions as a guest.
- ✎ The feature also gives an option to the taxpayers for emailing the entire chat to their email ids for future reference.
- ✎ The chat however, comes with a precautionary note that reads, "The replies are based on the opinion of the expert and in no manner it should be interpreted as the clarification by the Income-tax Department on any matter."
- ✎ More features would be added to the online chat system based on the feedback received by the department.

In 2016, the I-T department had set up a new dedicated directorate within its establishment to monitor and resolve grievances of tax payers.



23 October '17

## Banks to now match original IDs with photocopies: PMLA

The Government has set a mandatory rule for banks and financial institutions (FIs) to check the original identification documents of individual person dealing in cash above the prescribed threshold of fifty thousand rupees, to tackle the use of forged or fake copies.

The notification was issued by the Department of Revenue in the Finance Ministry by making an amendment to the Prevention of Money-laundering (Maintenance of Records) Rules (PMLA).

### About PMLA

The Prevention of Money Laundering Act (PMLA) is put in place to combat black money generation and money laundering in India.

The new rules notified under PMLA compel the entities like financial institutions (FIs), banks and other intermediaries to confirm identity of individuals, preserve records and provide information to Financial Intelligence Unit of India (FIU-IND).

It also makes its rules obligatory for the entities like stock broker, cooperative bank, chit Fund Company, non-banking finance companies and housing finance institution.



### Highlights of notification

01

The notification under this rules requires to produce Biometric identification number Aadhaar and other official documents to the reporting offices for opening a bank account as well as for any financial transaction of Rs 50,000 and above.

02

It also mentions to produce the same document for all cash dealing of more than Ten lakh rupees or its corresponding in foreign currency, cash transactions where forged or counterfeit currency notes have been used and all suspicious transactions.

03

All foreign transfers of more than Five lakh rupees in foreign currency and sale and purchase of immovable property valued at Fifty lakh rupees or more also fall under this new rules.

23 October '17

## Reserve Bank of India sets up task force on PCR



The Reserve Bank of India constituted a 10-member 'High Level Task Force on Public Credit Registry (PCR) for India'. The task force will be headed by YM Deosthalee, ex-CMD of L&T Finance Holdings.

The other members of the task force are Sekar Karnam, Vishaka Mulye, Rashesh Shah, Sriram Kalyanaraman, Bidisha Ganguly, Sharad Sharma, Vivek Srivastava, Parvathy V. Sundaram and Anujit Mitra. The Task Force will have its secretariat at Department of Statistics & Information Management

### Terms of reference of the Task Force

- ✗ To review the current availability of information on credit in India.
- ✗ To assess the gaps in India that can be filled by a comprehensive PCR.
- ✗ To study the best international practices on PCR.
- ✗ To determine the scope of the comprehensive PCR along with the type of information to be covered along with cut-off size of credit.
- ✗ To decide the structure of the new information system or whether the existing systems can be integrated to get a comprehensive PCR.
- ✗ To suggest a roadmap for developing a transparent, comprehensive and near-real-time PCR for India.
- ✗ The task force will be required to submit its report on 4 April 2018.

The Task Force can invite any experts from the World Bank, if required, with the permission of the chairman YM Deosthalee.



24 October '17

## MSP of wheat, gram and masoor increased

The government increased the minimum support price (MSP) of wheat, gram and masoor for this year.

- ✎ The Cabinet Committee on Economic Affairs (CCEA), chaired by Prime Minister hiked the MSP of wheat by 110 rupees and of pulses by 200 rupees to help boost the output of these crops and check prices.
- ✎ MSP is the rate at which government buys grain from farmers.
- ✎ The support prices are in line with the recommendations of the Commission for Agricultural Costs and Prices.
- ✎ MSPs have been raised by 200 rupees per quintal each to 4,200 and 4,150 rupees to encourage the cultivation of gram and masoor.
- ✎ Among oilseeds, MSP for mustard and safflower seed has also been increased substantially.



24 October '17

## Union Government approves State Bank Recapitalization Plan

The Union Government approved a Rs 2.11 lakh crore Recapitalization Plan for Public Sector Banks (PSBs) struggling with mounting bad loans. The recapitalisation seeks to clean up banks' books and enable them to lend more.

The government will soon infuse Rs 1.35 lakh crore worth recapitalisation bonds to support public sector banks, which account for 70 per cent of Non-Performing Assets (NPAs) in the banking system and will provide Rs 76000 crore through budgetary support and market raising.

The recapitalisation of state-owned banks will be followed by a series of reforms to make them more accountable.

26 October '17

## Anti-dumping duty imposed on US & EU

India has imposed anti-dumping duty on certain stainless steel products from the European Union and other nations including China and Korea, in order to protect the domestic industry from cheap imports.

The duty was imposed by the Revenue department following the recommendation by the Directorate General of Anti-Dumping and Allied Duties (DGAD).

### Key Highlights

- ✎ The levied duty will range between 4.58 per cent and 57.39 per cent of the landed value of cold-rolled flat products of stainless steel.
  - ✎ The anti-dumping duty will be in effect until 10 December 2020.
- The duty will be levied on the imports of stainless steel products from China, Taiwan, South Korea, South Africa, Thailand, the United States and the European Union.

Earlier in October, the Union govt. had imposed anti-dumping duty on imports of certain steel wire rods from China for a period of five years.

What is an 'Anti-Dumping Duty'?

An anti-dumping duty is a protectionist tariff that a domestic govt. imposes on foreign imports that it believes are priced below fair market value.

28 October '17

## Public Finance Management System (PFMS) for all Central Sector Schemes



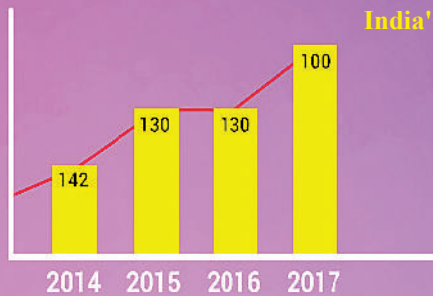
The PFMS is designed to serve the pertinent need of establishing a common electronic platform for complete tracking of fund flows from the Central Government to large number of programme implementing agencies, both under Central Government and the State Governments till it reaches the final intended beneficiaries.

### Key highlights of PFMS:

- ✎ PFMS would ensure that the benefits of the various Government Schemes like DBT (Direct Benefits Transfer) reach to the last mile;
- ✎ It would help in tracking and monitoring the flow of funds to the implementing agencies.
- ✎ The actual status of utilization of funds by the multiple implementing agencies of the Central and the State Governments can be known.
- ✎ Reduce the float in the financial systems by enabling 'just in time' releases and also the Government borrowings with direct impact on interest costs to the Government.
- ✎ Bring about a transformational accountability and transparency in the Government Financial Management Systems.
- ✎ PFMS thereby enables real time monitoring of disbursements and utilization of funds which in turn provides a sound Decision Support System.

01 November '17

## India ranks 100 in Doing Business Report 2018



"It has never been easier to do business in India. India welcomes the world to explore economic opportunities our nation has to offer!"  
-PM Narendra Modi

The World Bank released the Doing Business (DB) Report 2018 titled as 'Doing Business 2018: Reforming to Create Jobs'. As per the report, India ranked 100 among 190 countries, assessed by the Doing Business Team. The Doing Business Report assesses 190 economies and covers 10 indicators which span the lifecycle of a business.

### India's Improved Rank in Doing Business Report

- India jumped over 30 ranks this year to attain 100th spot in the ease of doing business list. It was ranked at 130th position in the 2017 Doing Business Report.
- India is the only country in South Asia and BRICS economies to feature among most improved economies of the DB Report this year.
- It saw the improvement in 6 out of 10 indicators. These six indicators are Resolving Insolvency, Paying Taxes, Getting Credit, Enforcing Contracts, Protecting Minority Investors and Construction Permits.
- India ranked 103rd in Resolving Insolvency indicator, 119th in Paying Taxes, 29th in Getting Credit, 164th in Enforcing Contracts, 4th in Protecting Minority Investors and 181st in Construction Permits.

### Highlights of the Doing Business Report

- Between June 2016 and June 2017, the report documented 264 business reforms.
- Brunei Darussalam, Thailand, Malawi, Kosovo, India, Uzbekistan, Zambia, Nigeria, Djibouti and El Salvador were the most improved economies in 2016/17.
- Europe and Central Asia continue to be the regions with the highest share of economies implementing at least one reform as 76 per cent of economies in the region implemented at least one business regulatory reform.
- In the South Asia region, India was the top improver, however it ranked below Bhutan, which was ranked at 75. Besides, Nepal was ranked at 105, Sri Lanka at 111, Maldives at 136, Pakistan at 147, Bangladesh at 177 and Afghanistan at 183.
- Countries in Sub-Saharan Africa region fetched better ranks this year. Rwanda got 41st rank, Kenya was ranked at 80, Botswana at 81 and Zambia at 85.

## Committee to oversee PSU bank mergers

01 November '17

The Union Government constituted a ministerial committee headed by Finance Minister Arun Jaitley to oversee merger proposals of 21 state-owned PSU banks.

The other members of the committee include Railways and Coal Minister Piyush Goyal and Defence Minister Nirmala Sitharaman.

Besides this, the Union Government is working on banking reforms and constituted an Alternative Mechanism for Public Sector Banks. The mechanism will oversee the proposals coming from boards of PSBs for consolidation.

Earlier in October 2017, the Union Government announced a Rs 2.11 trillion Bank Recapitalisation Plan for public sector banks to stimulate the flow of credit to fuel private investment.

## Special Banking Arrangement for payment to fertilizer companies

02 November '17

The Cabinet Committee on Economic Affairs (CCEA) approved the implementation of Special Banking Arrangement (SBA) of Rs 10000 crore for payment of outstanding claims to fertilizer companies in the year 2016-17. CCEA also permitted that Department of Fertilizers will avail the SBA with the consensus of Department of Expenditure.

### Key Highlights

- Under this, a total loan of Rs 9969 crore for settlement of outstanding subsidy bills with SBI was raised by the Union Government.
- The loan amount along with interest liability on the part of Union Government amounting to Rs 80.90 crore was paid to SBI.
- SBA for an amount of Rs 10,00 crore for the year 2016-17 has already been implemented to overcome the liquidity problems of the fertilizer companies.





## Haryana government MoU to set up trading hub

03 November '17

The state government Haryana signed a memorandum of understanding (MoU) with an integrated trade facilitation services organisation - Verbind - to set up a logistics and trading hub in the state. Under the pact, the state will assist the organisation in obtaining the necessary approvals, registrations and clearances with reference to the projects from relevant departments, in line with existing rules and regulations.

### Key Highlights

- ✎ The trading hub is expected to be built in an area of 600 acres near Gurugram.
- ✎ The public-private project is expected to generate employment for around six lakh people.
- ✎ It is also expected to attract investment worth Rs 20,000 Cr.
- ✎ The role of nodal agency for the project will be played by the Haryana State Industrial and Infrastructure Development Corporation (HSIIDC).

## Paytm introduces BHIM UPI payments on its platform

08 November '17

Mobile payments platform Paytm introduced payments using BHIM UPI (Unified Payments Interface) on its platform.

The BHIM UPI platform allows users to create their own Paytm BHIM UPI ID on the app and link any of their savings bank account with this unique ID and begin with sending and accepting money.

### Highlights of Paytm BHIM UPI

- ✎ The Paytm BHIM UPI ID will be issued by Paytm payments bank.
- ✎ Paytm BHIM UPI IDs will be accepted across all banks and BHIM UPI apps.
- ✎ With Paytm BHIM UPI, one can now make instant money transfers directly between two bank accounts without adding beneficiary.
- ✎ One would also not require the bank details or IFSC code to receive money through Paytm BHIM UPI.
- ✎ As per the guidelines of National Payments Corporation of India (NPCI), users can send up to Rs 1 lakh in a single day using BHIM UPI. However, there is no receiving limit.
- ✎ Paytm BHIM UPI is currently available in Paytm Android app and will soon be available on iOS as well.



## India slips to 7th position in Business Optimism Ranking

09 November '17

According to the most recent Grant Thornton International Business Report India has slipped to the 7th position in the Business Optimism Index (BOI) in the September quarter, from the second position in the previous three months. The survey suggests that this ranking is showing the clear signs of lag in the economy.

As per Grant Thornton's International Business Report (IBR), Indonesia is at the top of the index, followed by Finland (2nd), the Netherlands (3rd), Philippines (4th), Austria (5th) and Nigeria (6th).

The Grant Thornton International Business Report (IBR) is prepared based on the results of a quarterly

global business survey of 2,500 businesses in 37 economies conducted in Sep. before the announcements of the big reforms by the Government on Bank recapitalisation, infrastructure investments particularly in roads, aggressive actions on insolvency and bankruptcy.





## GST rate on various mass consumption items reduced to 18 per cent

10 November '17

The GST Council reduced the Goods and Services Tax (GST) rate on a wide range of mass consumption items from 28 per cent to 18 per cent. The council reduced the list of items attracting 28 per cent GST to just 50 from 227 previously. It slashed the GST rates on 177 goods ranging from chewing gums to detergents.

All types of chewing gum, chocolates, preparation for facial make-up, shaving and after-shave items, shampoo deodorants, washing powder detergent and granite and marble will now attract 18 per cent GST rate. While, Luxury goods like washing machines, air conditioners and other items like paints and cement have been retained in the 28 per cent tax bracket.



This decision will have a revenue implication of Rs 20000 crore annually.

## India to be third largest economy by 2028, says report

10 November '17

India is likely to achieve strong growth over the next decade and emerge as the world's third-largest economy, overtaking Japan in nominal GDP by 2028, says a report titled 'India 2028' by Bank of America Merrill Lynch.

India has already overtaken Brazil and Russia to emerge as the second largest BRICS economy after China and is expected to soon overtake France and Britain to emerge as the world's fifth largest economy after Germany by 2019.

The American brokerage has conservatively projected the country's real GDP growth at 7 per cent potential.

The report read, "We see India crossing Germany and Japan in nominal GDP in dollar term by 2028. This assumes that the Indian economy grows at 10 per cent (in nominal US GDP) in the next decade, well ahead of Japan's 1.6 per cent."

## Moody's upgrades India's sovereign rating after 14 years

18 November '17

US credit rating agency Moody's raised India's sovereign rating to Baa2 from its lowest investment grade of Baa, while changing the outlook for the country's rating to stable from positive.

Since 2004, Moody raised the sovereign rating for the first time ignoring a haze of short-term economic uncertainties to bet on the nation's prospects from a raft of policy changes by the government.

The revision of sovereign rating of India came after a gap of 14 years. The rating agency simultaneously upgraded India's local and foreign currency issuer rating to Baa2 from Baa3.

The 'Baa3' rating was the lowest investment grade, just a notch above 'junk' status.

### Reason for upgrade

The upgrade of the rating is based on the Indian government's "wide-ranging programme of economic and institutional reforms.

The credit rating agency expected that continued progress on economic and institutional reforms will, over time, improve India's high growth potential and its large and stable financing base for government debt, and will likely

contribute to a gradual decline in the general government debt burden over the medium term.

According to Moody's, reforms which are taken place in India have significantly decreased the risk of a sharp increase in debt, even in potential downside scenarios.

Those implemented reforms to date will progress the government's purpose of improving the business climate, stimulating foreign and domestic investment, enhancing productivity, and ultimately fostering strong and sustainable growth.

### Growth projections

According to Moody's, GST and demonetisation have undermined growth over the near term, however, it looks forward to real GDP growth to moderate to 6.7 per cent in the fiscal year 2017-18.

But, as disruption fades, and with the help of recent government initiatives to support SMEs and exporters with GST compliance, real GDP growth will rise to 7.5 per cent in 2018.

As per Moody's, though the high Indian debt burden remains a constraint on the country's credit profile, its longer-term growth potential is notably higher than most other Baa-rated sovereign economies.

**Burning Topics of the Month**

**Jitu Rai and Heena Sidhu  
win gold in air pistol  
mixed team event**

**HS Prannoy, Saina  
Nehwal new National  
Champions**

**Pankaj Advani wins the  
IBSF World Billiards  
Championship**

**& Many More...**

23 October '17

### Kidambi Srikanth at World Number 2 Ranking



India's ace shuttler Kidambi Srikanth has achieved career-best World Number 2 ranking. The 25-year-old grabbed the spot after jumping two places in the latest BWF rankings. His

improved ranking is the result of his continuous victories in Denmark Open Superseries and the men's singles title of the French Open Superseries badminton.

The Denmark Open Superseries trophy at Odense marking his third Super Series win of the year and fifth overall. Srikanth defeated his opponent, South Korea's Lee Hyun-il, the Former world number one. It was the first time Srikanth and Lee had faced each other.

The French Open Superseries badminton in Paris is Srikanth's fourth title in the fifth superseries final after winning in the Denmark Open, Indonesia Open and Australia Open.

#### About Kidambi Srikanth

- ✎ In 2017 Kidambi Srikanth became the first Indian to clinch four Super Series.
- ✎ He has won Denmark Open, Indonesia Open and Australia Open earlier in 2017.
- ✎ Srikanth outshined Saina Nehwal as the only Indian to win four Super Series titles in a year. Saina won three in 2010.
- ✎ In 2017, he entered the league of Indian legends like Prakash Padukone and Pullela Gopichand. Pullela Gopichand is also the Coach of this Hyderabad Shuttler, Srikanth.
- ✎ Srikanth is the only Indian to win back-to-back titles that is two titles in two consecutive weeks in a season.

24 October '17

### India beat Malaysia in Asia Cup Hockey



India beat Malaysia with 2-1 in the final to clinch Asia Cup in Dhaka on 22 October 2017. On the other hand, Pakistan won bronze after beating out Korea with 6-3. With this win, India ended its wait of 10 long years to win the Asia Cup. India scored from field efforts through Ramandeep Singh and Lalit Upadhyay to win the coveted title against Malaysia. It last clinched the trophy in 2003 and 2007 in Kuala Lumpur and Chennai respectively.

#### About Asian Hockey Federation:

- ✎ The Asian Hockey Federation governs the international men's and women's field hockey tournament.
- ✎ It was introduced in 1982 for men's competition and the women's competition was added in 1983 as a non-official championship and made an official tournament in 1985.
- ✎ South Korea has been the most successful team with 4 titles in Men's and 3 titles in Women's competition.
- ✎ India has reached the most number of finals in Men's (8 times).
- ✎ India ranked 6 in World Hockey.

24 October '17



## Jitu Rai and Heena Sidhu win gold in air pistol mixed team event

The duo struck gold in the 10m air pistol mixed team event on the opening day of ISSF World Cup in the capital. They will make their Olympic debut in the Tokyo 2020 Games.

Both Rai and Sidhu picked up their third gold together in the mixed team event, officially for the first time at an ISSF World Cup. India's capital city, New Delhi hosted the ISSF World Cup Finals for the first

time in 2017.

The International Shooting Sport Federation

- Founded in 1907 as the International Shooting Union, its name was changed to International Shooting Sport Federation (ISSF) in 1998. The Federation governs the Olympic Shooting events in Rifle, Pistol and Shotgun

Jitu Rai and Heena Sidhu won gold medal at the International Shooting Sport Federation (ISSF) World Cup Final in New Delhi.

and also several non-Olympic Shooting sport events, the ISSF Separate World Championship in Shotgun events and the ISSF World Championship.

- Olegario Vazquez Rana has been serving as the President of the organisation since 1980.

- The ISSF headquarters is located in Munich, Germany.

30 October '17

## Virat Kohli becomes fastest batsman to break 9000-run mark

Indian skipper Virat Kohli became the sixth Indian and fastest to complete 9000 ODI runs during India's third and final one-day international against New Zealand in Kanpur.

### Key Highlights

- Virat Kohli with his individual score of 113 runs became the sixth Indian to complete 9000 ODI runs. He got to the landmark in the 37th over.
- Mahendra Singh Dhoni had reached the milestone in 2016. Other Indians who have achieved the feat previously include Sachin Tendulkar, Rahul Dravid, Sourav Ganguly and Mohammad Azharuddin.
- Overall, Kohli, who played his 202nd innings, has become the 19th batsman to break the 9000-run mark, making him the fastest to get there.



## Virat Kohli and Mithali Raj top the ICC ODI Rankings

Indian cricket team captains Virat Kohli and Mithali Raj became number one at ICC ODI rankings for batsman and batswomen.

### Quick peek at the ICC ODI rankings for batsmen and bowlers in brief

- Indian captain Virat Kohli reclaimed the top spot of the ICC ODI rankings for batsmen with 889 rating points.
- Kohli had lost the top spot 10 days ago to South African batsman AB de Villiers. However, Kohli, who scored 263 runs in the New

Zealand series and earned 889 rating points, which is the best ever by an Indian batsman.

- Former captain Mahendra Singh Dhoni rose one place to 11th in the rankings.
- Pakistan pace bowler Hasan Ali is on top ICC ODI rankings for bowlers.
- India ranks on top in the men's ODI team rankings.
- Mithali Raj was ranked number one with 753 rating points. Ellyse Perry of Australia and



31 October '17

Amy Satterthwaite of New Zealand ranked number 2 and 3 respectively. Australia's 2-1 victory over England in the ICC Women's Championship series helped them regain the top spot in the women's team rankings.



06 November '17

## Indian women's hockey team lifts Hockey Asia Cup after 13 years



Indian women's hockey team beat China 5-4 to win the Asia Cup 2017 title. The crucial final was held in Kakamigahara city in southern Gifu Prefecture, Japan.

With the victory, Team India has secured a berth for itself at the 2018 Hockey World Cup. This is the second time that India has claimed the top spot in the history of the tournament. The first time was 13 years ago in the year 2004.

08 November '17

## Asian Boxing Championship 2017: MC Mary Kom wins Gold

Indian boxer MC Mary Kom won the Gold Medal at the Asian Boxing Championship 2017 in 48 kg category.

Mary Kom defeated North Korea's Hyang Mi Kim by 5-0 in the 48 kg category of the Asian Women's Boxing Championship. She made her entry into the finals of the tournament on 7 November 2017 after knocking out Japan's Tsubasa Komura.

This was her fifth gold medal in the Asian Boxing Championship. In her entire boxing career, till now, Mary has won four gold and a silver in the Asian Boxing Championship.



09 November '17

## HS Prannoy, Saina Nehwal new National Champions

HS Prannoy beat World No 2 and title favourite Kidambi Srikanth in the men's singles final at the 82nd Senior National Championship, which was held in Nagpur, Maharashtra. The second-seeded Prannoy, who recently achieved his career-best ranking of World No 11, got the better off top seeded Srikanth 21-15, 16-21, 21-7 in a 49-minute clash. The two players have played against each other four times in their international career and Srikanth emerged as the winner on the last three occasions. The only time Prannoy beat Srikanth was way back at the 2011 Tata Open.

In the women's singles event, World No 11 Saina Nehwal beat top seeded World No 2 PV Sindhu in straight sets of 21-17, 27-25 to win the National championship. Saina entered the women's singles final of the tournament after defeating fifth seeded Anura Prabhudesai 21-11 21-10. In mixed doubles, the pair of Satwik Sai Raj R and Ashwini Ponnappa beat top seeded World No 16 pair of Pranaav Jerry Chopra and N Sikki Reddy 21-9, 20-22, 21-17 to clinch the mixed doubles title.



15 November '17

## Pankaj Advani wins the IBSF World Billiards Championship

Advani clinched his 17th world title after thrashing his arch-rival Mike Russell of England 6-2 to defend the 150-up format title which he won in Bengaluru last year.

Advani, winner of maximum number of world titles in any sport by an Indian, earlier in the semi-finals overcome fellow Indian Rupesh Shah 5-2, while Russell got the better of Singapore's Peter Gilchrist 5-1.

Advani will be eyeing a 'Grand Double' as the lengthier format or the long-up of the IBSF World Billiards Championship 2017 begins today at Doha.



A new species of orang-utan named *Pongo tapanuliensis* was identified in North Sumatra.

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## Burning Topics of the Month

**Dawn spacecraft to orbit dwarf planet Ceres until its fuel runs out: NASA**

**NGT directs Delhi Government to seize 10-year-old diesel taxis**

**Scientists develop new tool to improve Indian monsoon forecast**

**& Many More...**

21 October '17



### World's deepest lake under threat

Lake Baikal, the world's deepest lake is undergoing its gravest crisis in recent history, according to experts. Holding one-fifth of the world's unfrozen fresh water, the lake situated in Russia's Siberia region is a natural wonder of exceptional value to evolutionary science. It is even listed as a World Heritage Site by UNESCO.

The lake's rich biodiversity includes over 3,600 plant and animal species, most of which are endemic to the lake. Since the past few years, the lake, which is a major international tourist attraction, has been crippled by a series of

damaging phenomena such as disappearance of the Omul fish, rapid growth of putrid algae and the death of endemic species of sponges across its vast 3.2 million-hectare area.



### Disappearance of Omul fish

- ✎ Omul is a species of fish that belongs to the salmon family, which is only found in Baikal.
- ✎ In October 2017, the Russian government introduced a ban on all commercial fishing of omul, fearing irreversible consequences for its population.
- ✎ The total biomass of omul fish in the lake has nearly become half since 15 years ago, from 25 million tonnes to just 10 million.

✎ The vast decrease according to experts is likely to be a result of uncontrollable fish poaching, with extra pressure coming from the climate.

- ✎ UNESCO recently noted with concern that the ecosystem of the lake is reported to be under significant stress and a decrease in fish stocks is just one observable effect.
- ✎ The Baikal Omul, a well-known specialty, was for centuries the main local source of food, especially important since the region has no farming.

### Rapid growth of putrid algae

- ✎ The algae have expanded to become thick mats of rotting Spirogyra algae that are spread across the pristine sandy beaches of the lake.
- ✎ According to scientists, this is an indicator that the lake can no longer absorb human pollution without consequence.
- ✎ The development is supposed to be a consequence of wastewater runoff from towns without proper sewage treatment.

The lake, which is 1,700 metres (5,580 feet) deep, and its tourism is a major provider of livelihood for many of the residents living in the area.

23 October '17

## Dawn spacecraft to orbit dwarf planet Ceres until its fuel runs out: NASA

The National Aeronautics and Space Administration (NASA) announced that it would be extending the Dawn mission at Ceres until its hydrazine fuel runs out, after which it will continue to remain in a stable orbit around the dwarf planet. Ceres, a dwarf planet, is the largest object in the asteroid belt between Mars and Jupiter. During the extension, the spacecraft will descend to lower altitudes than ever before at the dwarf planet, which it has been orbiting since March 2015.

The spacecraft will continue its investigation at Ceres for the remainder of its probe by remaining in a stable orbit, where it will stay even after it can no longer communicate with Earth. Mission planners estimate the spacecraft can continue operating until the second half of 2018.

### Aim & Objective

- ✎ The main priority of the second extension of the Dawn mission is to collect data using the spacecraft's gamma ray and neutron spectrometer, which measures the number and energy of gamma rays and neutrons.
- ✎ The information is significant to understand the composition of Ceres' uppermost layer and how much ice it contains.
- ✎ The spacecraft also will take visible-light images of Ceres' surface geology with its camera, as well as measurements of Ceres' mineralogy with its visible and infrared mapping spectrometer.
- ✎ The extension will also allow Dawn to be in orbit while the dwarf planet goes through perihelion, its closest approach to the Sun, which will occur in April 2018.
- ✎ At closer proximity to the Sun, more ice on Ceres' surface may turn to water vapor, which may in turn contribute to the weak transient atmosphere detected by the European Space Agency's Herschel Space Observatory before Dawn's arrival.

### Other Important International space missions:

MISSION	LAUNCHED BY	PURPOSE
Cassini- Huygens (1997)	NASA, European Space Agency & Italian Space Agency	To study Saturn's atmosphere
New Horizon (2006)	NASA	To study Pluto system and other Kuiper belt object
Kepler Mission (2009)	NASA	To discover earth size planets orbiting other stars
JUNO (2011)	NASA	To study planet Jupiter
Curiosity Rover (2011)	NASA	To study climate & habitability of MARS
Mars Orbiter Mission (2013)	ISRO	Orbiting Mars



### Dawn Mission

It is a space probe that was launched by NASA in September 2007 with the aim of studying two known protoplanets of the asteroid belt, Vesta and the dwarf planet, Ceres. It is currently in orbit around Ceres.

The mission is managed by NASA's Jet Propulsion Laboratory. Its major components are contributed by NASA's European partners such as from German Aerospace Center, Italian National Astrophysical Institute and Italian Space Agency.

Dawn created history by being the first spacecraft to orbit two extraterrestrial bodies and the first-ever spacecraft to visit either Vesta or Ceres.

It orbited giant asteroid Vesta for 14 months from 2011 to 2012, then continued on to dwarf planet Ceres, where it has been in orbit since March 2015.

The spacecraft is also the first-ever to visit a dwarf planet. It accomplished the feat just a few months before New Horizons flew by Pluto in July 2015.

It is NASA's first exploratory mission to use ion propulsion to enter orbits and exit orbits of multiple celestial bodies.

Previous multi-target missions using conventional drives, such as the Voyager program, were restricted to flybys.





## 'Chandrayaan- II' in 2018 24 October '17

Dr Jitendra Singh, the Union Minister of State (IC) for Atomic Energy and Space announced that India's second space mission to moon, 'Chandrayaan-II', will take place in 2018, most likely in the first quarter of the year.

This was announced during 38th Asian Conference on Remote Sensing at New Delhi. Singh said that India has emerged as the world's frontline nation in the field of Space Technology and this in itself is a glorious vindication of the dream seen by the founding fathers of India's Space Programme, like Vikram Sarabhai and Satish Dhawan.

### About the 38th Asian Conference on Remote Sensing

- The 38th Asian Conference on Remote Sensing (ACRS-2017) was held from 23 to 27 October 2017 at New Delhi, India.
- The main theme of the conference is Space Applications: Touching Human Lives.
- The conference aims to bring together students, researchers, scientists, engineers, policy makers and professionals from developed/ developing countries in and around Asia to share insights into the challenges and opportunities of Remote Sensing and related geospatial technologies in building resiliency and encouraging inclusive economic growth in Asia.
- It also aims to provide a platform for international engagement to ensure that knowledge is generated in partnership with society.

### Chandrayaan-I

- India's first mission to Moon, Chandrayaan-1, was launched successfully on 22 October 2008 from Satish Dhawan Space Centre or Sriharikota High Altitude Range, a rocket launch centre in Sriharikota, Andhra Pradesh.
- The spacecraft was orbiting around the Moon at a height of 100 km from the lunar surface for chemical, mineralogical and photo-geologic mapping of the Moon.
- The spacecraft carried 11 scientific instruments built in India, USA, UK, Germany, Sweden and Bulgaria.
- After the successful completion of all major mission objectives, the spacecraft's orbit was raised to 200 km in May 2009.
- The satellite made more than 3400 orbits around the moon and the mission was concluded on 29 August 2009 when Chandrayaan-1 lost communication with the Earth.

26 October '17

## World's oldest navigational tool 'Astrolabe' discovered



David Mearns, Britain-based shipwreck searcher revealed that the 'Astrolabe' discovered by him on a shipwreck off the coast of Oman in

2014 is the world's oldest navigational tool.

It is believed that the shipwreck is of the ship 'Esmeralda', which was part of Vasco da Gama's second expedition to India of 1502-1503. Da Gama was the first European to reach India by sea in 1498. The ship sank off the coast of Oman during a storm in May 1503

**Astrolabe is an elaborate inclinometer, historically used by astronomers and navigators to measure the inclined position in the sky of a celestial body, day or night.**

## Scientists develop new tool to improve Indian monsoon forecast

26 October '17

Researchers from Florida State University developed a tool to objectively define the beginning and end of the Indian summer Monsoon (ISM). They developed a method that uses rainfall rates to note the time period of the entire ISM at any given location. At present scientists rely on south west part of the country to determine weather forecasting and to monitor protocols, specifically the State of Kerala.

**The findings of the research were published in the journal Climate Dynamics. The research is aimed at:**

- Providing a reliable model to define the duration of Indian Summer Monsoon.
- Give onset and demise dates of ISM at any specific location for any given year.
- Provide objective information on the onset of rainfall.

**How this finding can improve Indian monsoon forecast?**

According to researchers, scientists have struggled to produce a reliable model to define the time span of ISM. There's a lack of reliable parameters and meteorological departments have relied on their own criteria for determining ISM onset which can give contradicting claims. This could a standardised system to monitor ISM evolution.

28 October '17

## Researchers discover Ichthyosaur fossil in India

A team of researchers comprising researchers from India and Germany have discovered a 152 million-year-old fossil of an ichthyosaur inside rocks from the Mesozoic Era - an extinct marine reptile in the Kutch region of Gujarat. The findings have been published in the Plos One science journal.

### Key Highlights

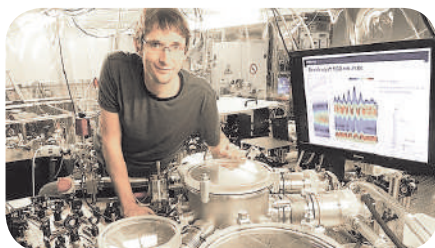
- Ichthyosaur lived in oceans between 165 and 90 million years ago.
- This is the first time an ichthyosaur fossil has been discovered in India.
- The 5.5 m long specimen was almost complete, only parts of the skull and tail bones were found to be missing.
- According to the Prof Guntupalli VR Prasad, who led the study, the discovery is remarkable considering it is the first Jurassic ichthyosaur record from India and also because it throws light on the evolution and diversity of ichthyosaurs in the Indo-Madagascan region and India's biological connectivity with other continents in the Jurassic.

### Ichthyosauria

- The species are large marine reptiles, belonging to the order known as Ichthyosauria or Ichthyopterygia.
- They resemble a bit of both, modern fish and dolphins.
- The species were air-breathing, warm-blooded and bore live young.

31 October '17

## World's fastest, shortest laser pulse created



Scientists from ETH Zurich, Switzerland have succeeded in generating the world's shortest laser pulse with a duration of only 43 attoseconds. This laser pulse is the shortest controlled event that has ever been created by humans.

### Key Highlights

- ✎ To fully understand the dynamics during a chemical reaction, scientists must be able to study all movements of atoms and molecules on their basic time scale.
- ✎ The Attosecond spectroscopy could contribute to the development of more efficient solar cells, as for the first time it would be possible to follow the process of excitation through sunlight up to the generation of electricity step by step.
- ✎ A detailed understanding of the charge transfer pathway could help optimizing the efficiency of the next generation of photosensitive elements.
- ✎ The laser pulse can also be used to alter the course of a chemical reaction, even chemical bonds can be broken by stopping the charge shift at a certain location in the molecule.

## India successfully tests its first fully indigenous Glide bomb

Indigenously developed lightweight 'Glide' bomb was successfully tested in Chandipur in Odisha. The development marks a major milestone in developing such weapons. The bomb - SAAW (Smart Anti Airfield Weapon) - was dropped from an Indian Air Force aircraft at the Integrated Test Range (ITR) in Chandipur on 2 November.

### Key Highlights

- ✎ The bomb released from the aircraft and guided through precision navigation system reached the targets greater than 70 km range with high accuracies.

- ✎ A total of three tests with different release conditions and ranges were conducted successfully.

- ✎ The bomb has been developed by the Research Centre Imarat (RCI), Defence Research and Development Organisation (DRDO), along with other laboratories of the DRDO and the Indian Air Force.

- ✎ It would soon be inducted into the armed forces.



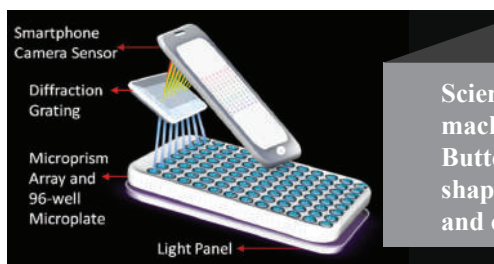
03 November '17

## NGT directs CPCB to take action against thermal plants with no emission monitoring system

The National Green Tribunal has directed the Central Pollution Control Board (CPCB) and state pollution control boards to take action against 35 thermal power plants across the country that have failed to install online effluent and emission monitoring system, despite its earlier direction.

The decision was taken by a bench headed by NGT Chairperson Justice Swatanter Kumar. The bench observed that the CPCB and its state counterparts had sufficient powers to shut down non-complying units.

The thermal power stations that have been asked to respond include those located in Hasdeo, Raichur, Koradi, Satpura, Khaparkheda, Paras and Parli besides Kamal Sponge Steel And Power Ltd, Indo Rama Synthetics, Uttam Galva Steels, Aurobindo Agro Energy, Kaveri Gas Power Limited, NLC Ltd, Saheli Exports Pvt Ltd and a 16 MW gas-based thermal power project in Tripura.



## A new machine to detect cancer 30 October '17

Scientists have developed a novel smartphone-based portable ultrasound machine that can help detect cancer easily at home. The machine called Butterfly IQ is a pocket-sized ultrasound device, which is the size and shape of an electric razor. It works by shooting sound waves into the body and capturing the echoes.

## China unveils Asia's largest island-building vessel

04 November '17

China launched a massive ship, which is being referred as Asia's largest dredging vessel, at a port in eastern Jiangsu province. The vessel described as a 'magic island maker' is capable of building artificial islands.

### Key Highlights

- Named Tian Kun Hao, the ship is capable of digging 6,000 cubic meters an hour, which is equivalent to three standard swimming pools.
- It is a larger version of the one China used to dredge sand, mud

and coral for transforming reefs and islets in the South China Sea into artificial islands capable of hosting military installations.

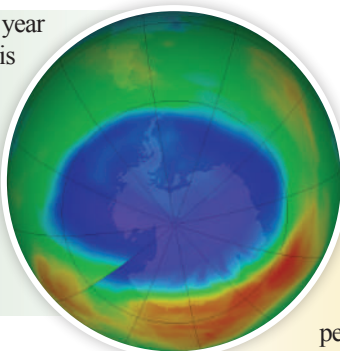
- Its displacement is 17000 metric tons and the deck is 140-meter-long.
- It can break underwater rocks and then suck out sand, water and mud and transfer the substance up to 15 km. away.
- It can also dredge up to 6,000 cubic meters an hour from a



depth of up to 35 meters.

- When the ship's testing is completed in June 2018, it will be the most powerful such vessel in Asia.

The ozone hole that forms over Antarctica every year in September was found to be the smallest this year since 1988. This was revealed by the NASA satellite measurements from 2017. According to NASA scientists, the hole in the ozone layer reached its peak extent on September 11, covering an area about two and a half times the size of the US - and then it declined through the remaining part of September.



## NASA: Ozone hole over Antarctica smallest in 30 years

08 November '17

The ground- and balloon-based measurements from the National Oceanic and Atmospheric Administration (NOAA) also showed the least amount of ozone depletion above the continent during the peak of the ozone depletion cycle since 1988.

08 November '17

## Banaganapalle mangoes get GI tag

The famous Banaganapalle mangoes of Andhra Pradesh and Tulaipanji rice of West Bengal are among the seven commodities that have been granted Geographical Indication (GI) this fiscal year by the Indian patent office.

The other five products which have received the GI tag this year include Pochampally Ikat of Telangana; Gobindobhog rice of West Bengal; Durgi stone carvings and Etikoppaka toys of Andhra Pradesh; and

Chaksheshang shawl of Nagaland.

### About GI tag:

#### What is it?

A GI is primarily an agricultural, natural or a manufactured product (handicrafts and industrial goods) originating from a definite geographical territory.





08 November '17

**'NIRBHAY' Sub-Sonic Cruise Missile**

The successful test flight of 'NIRBHAY' missile was recently conducted by the DRDO. It was successfully test fired from the Integrated Test Range (ITR), Chandipur, Odisha.

**About NIRBHAY missile:**

What is it? It is India's first indigenously designed and developed Long Range Sub-Sonic Cruise Missile which can be deployed from multiple platforms.

**Key features:**

- ✎ Nirbhay is an all-weather low-cost long-range cruise missile with stealth and high accuracy. The missile has a range of more than 1000 km.
- ✎ The missile has the capability to loiter and cruise at 0.7 Mach, at altitudes as low as 100 m.
- ✎ Its relatively slow flight speed allows it to navigate its way precisely to the target.
- ✎ The Nirbhay cruise missile is an Indian version of the American Tomahawk.
- ✎ The missile is capable of being launched from multiple platforms on land, sea and air.

09 November '17

**Morocco launches earth observation satellite**

Morocco successfully launched an earth observation satellite called "Mohammed VI-A".

The satellite was launched by European consortium Arianespace's Vega rocket from French Guyana Space Centre.

**About the satellite**

- ✎ The Mohammed VI-A satellite is an Earth observation satellite built for Morocco by Thales Alenia Space as prime contractor and Airbus as co-prime.
- ✎ The three-axis stabilized satellite weighed approximately 1,110 kg at launch.
- ✎ It will be used for mapping and land surveying activities along with regional development and agricultural monitoring.
- ✎ It will also be used for monitoring changes in the environment and desertification and in the prevention and management of natural disasters and for border and coastal surveillance.

**NGT directs Delhi Government to seize 10-year-old diesel taxis**

19 November '17

National Green Tribunal has directed the state government of Delhi to seize 10-year-old diesel taxis without any delay as they cause air pollution.

The decision was taken by a bench headed by NGT Chairperson Justice Swatanter Kumar. The bench observed that a large number of diesel taxis are operating in the national capital, which is in violation of the judgment and directions issued by the Supreme Court.

The green tribunal also directed the Environment and Forest Ministry, Road and Transport Ministry, Delhi Government and the state pollution control boards in the National Capital Region to fully coordinate, cooperate and take effective steps to control the pollutants in the air of Delhi NCR.

**Background**

The tribunal issued the directions after hearing a plea on the worsening air quality in the national capital.



The bench had earlier expressed concern over the alarming rise in pollution level in Delhi-NCR, terming it as an "environmental and health emergency".

## Burning Topics of the Month

**Mukesh Ambani  
becomes Asia's richest  
person!**

**Surat wins Best City Bus  
Services Award**

**The Paik Rebellion  
- 'First War of  
Independence'**

**& Many More...**

23 October '17

### Most pollution-linked deaths occur in India

According to a report by The Lancet Commission on pollution and health, out of 9 million premature deaths linked to pollution worldwide, a staggering 2.5 million deaths were reported from India in 2015.



26 October '17

### Gina Miller - UK's most influential black person of the year

Indian origin campaigner Gina Miller was named UK's most influential black person of the year. Gina won a legal challenge seeking Parliamentary approval for triggering Brexit. The Supreme Court ruling came in her favour in January 2017. 52 year old Miller, ranked on top in the 2018 'Powerlist' of 100 people of African and African Caribbean inheritance published in London by Powerful Media.

An investment fund manager and philanthropist Gina took a legal action against British Prime Minister Theresa May demanding that individual members of the Cabinet have no legal power to trigger Article 50 of the Lisbon Treaty. Article 50 states that any member state may leave "in accordance with its own constitutional requirements".

First published in 2007, The 'Powerlist' consists of an independent panel of judges. The objective behind Powerlist is to provide inspiring role models for young people.

## 70 Indian words added to Oxford English Dictionary

27 October '17

Indian words like 'Dadagiri', regional languages like Telugu, 'Jugaad', 'Surya Namaskar', Tamil, Hindi, Bengali and 'Anna', 'Achcha', 'Bapu' and few Gujarati that were added to the others were added to the Oxford dictionary.

English Dictionary (OED) in the month of September 2017. The dictionary added over 1000 new words in its September edition. These words are among 70 Indian words from various

The Oxford English Dictionary (OED) publishes four updates every year in the months of March, June, September, and December. The Oxford University Press considers all walks of life while adding the words, be it sports, movies, politics, education or gossips and social media.

List of new Indian Terms added to OED			
Jai	Dadagiri	Achcha	Lunch Home
Ji	Chaudhuri	Bas	Nai
Mata	Bhindi	Bada	Natak
Abba	Keema	Bada Din	Timepass
Didi	Mirch	Gully	Dum
Anna	Namkeen	Kund	Borewell
Bapu	Mirch Masala	Jhuggi	Sevak
Chacha	Gosht	Haat	Sevika
Bhavan	Vada	Nagar	Chup
Desh	Gulab Jamun	Nivas	Surya
Devi	Tikka Masala	Qila	Namaskar
Chamcha	Diya	Chakka Jam	Cousin Brother
Jugaad	Funda	Tappa	Cousin Sister

30 October '17

## The Paik Rebellion - 'First War of Independence'

### Background

- The Sepoy Mutiny of 1857 led by leaders including Rani of Jhansi, Tatya Tope has been until now regarded as the first war of Indian Independence.
- The Paik Rebellion, also called the Paika Bidroha, was an armed rebellion against the British East India Company's rule that took place in Odisha in 1817.
- The Paikas were the traditional landed militia of Odisha. They served as warriors and were charged with policing functions during peacetime.
- The conquest of Odisha by the East India Company in 1803 and the dethronement of the Raja of Khurda led to fall in the power and prestige of the Paikas.
- The Paik rebellion was led by Bakshi Jagabandhu, former commander of forces of the Raja of Khurda and the last King of Khurda, Raja Mukunda Deva.

Paika Bidroha will find a place as the First War of Independence against the British Rule in the history books. The students should learn the factual history of 1817.

Prakash Javadekar

## Mukesh Ambani becomes Asia's richest person!



Mukesh Ambani, Chairman and Managing Director of Reliance Industries, became Asia's richest person, overtaking China's Hui Ka Yan.

Ambani, whose total estimated wealth is \$42.1 billion, got a

boost of \$466 million courtesy 1.22 per cent rise in shares of Reliance Industries to Rs 952.30. On the other hand, the total estimated wealth of Chinese businessman Hui Ka Yan, went down by \$1.28 billion to \$40.6 billion on the same day.

01 November '17



# NEWS BITES | MISCELLANEOUS

## WEF Gender Gap Index 2017: Iceland tops, India down to 108

03 November '17

India's rank out of 144 nations on global gender gap index

108

India's rank in 2016

87

India's rank in 2006

98

### PARAMETERS

ECONOMIC PARTICIPATION	EDUCATIONAL ATTAINMENT	HEALTH AND SURVIVAL	POLITICAL EMPOWERMENT
Rank: 139	Rank: 112	Rank: 141	Rank: 15

### Other BRICS countries:

China

Rank: 100

Russia

Rank: 71

S. Africa

Rank: 19

Brazil

Rank: 90

03 November '17

## Fake news' named word of the year 2017

Fake news, a term heavily popularised by US President Donald Trump, has been named the word of the year by Collins dictionary due to its widespread use around the world.

**FAKE NEWS**

Defined as "false, often sensational, information disseminated under the guise of news reporting", fake news takes over from Brexit, which was named the definitive word last year after the June 2016 referendum that decided the fate of UK-EU relationship, calling for UK to exit the European Union.

## World Tsunami Awareness Day

05 November '17



The World Tsunami Awareness Day was observed across the world on 5 November 2017 with the theme 'Reduce the Number of Affected People'. The Day aligned with the 'International Day for Disaster Reduction' and the "Sendai Seven Campaign" which are aimed at reducing the number of affected people globally by disasters.

The day is celebrated to spread awareness among people across the world in matters related to the dangers of tsunami. It stresses on the importance of early warning systems in order to mitigate damage from the often devastating natural hazard.

The first World Tsunami Awareness Day was observed across the world on 5 November 2016 with the theme 'Effective Education and Evacuation Drills'.



06 November '17

## Surat wins Best City Bus Services Award

Surat Municipal Corporation was awarded with the 'Best City Bus Services Award' by the Union Ministry of Housing and Urban Affairs for attracting 87 per cent of the private vehicle and auto rickshaw users to use city buses.

While, Mysuru's Public Bicycle Sharing won the 'Best Non-Motorised Transport' Award and Kochi (Kerala) was chosen for the 'Best Urban Transport Initiative' Award for completing its Metro Rail Project in a quick time.

The H-TRIMS of Hyderabad, the Traffic Integrated Management initiative, was awarded with the 'Commendable Initiative Award' under 'Best Intelligent Transport Project' category. On the other hand, Chittor was chosen for the 'Commendable Initiative Award'.



These cities were awarded under the 'Best Urban Transport Practices' of the Union Ministry of Housing and Urban Affairs.





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नौकरी  
की  
भरमार



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अधिक जानकारी के लिए जुड़े  
Mahendra Skills के सोशल प्लेटफार्म पर

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 [www.youtube.com / Mahendraskills](https://www.youtube.com/Mahendraskills)



# OUR PRESENCE | BRANCH MOBILE NO.

Branch Name	Phone Number
Agra	9235253430/ 9236455136
Ahmedabad	9227575027
Ajmer	9261503888
Aligarh	7706008037
Allahabad	9235253403
Alwar	9521177944
Ambala	9253058711 /7206424816
Ambikapur	8823868882
Amritsar	9646606160
Asansol	7076880723
Azamgarh	9208242842
Budaun	9627671787
Bahraich	9208249852
Balasore	9583185223
Ballia	9208243152
Banda	9554334847
Bangalore	9538712808
Bareilly	9235253431
Basti	7706008031
Berhampur	9078907945
Bhagalpur	9204363221
Bhilai-Durg	8878783345
Bhopal	9229174901
Bhopal-Lalghati	9229174902
Bhubaneshwar	9237026745/ 9237081352
Bijnor	7706008027
Bilaspur	8878817515
Bulandshahr	7706008030
Chandigarh	9256002024
Chennai	8939777224
Coimbatore	8110967668
Cuttack	7894013095
Darbhanga	9204303818/ 9204300620
Dehradun	9236510116
Delhi Janakpuri	9212069515
Delhi Kingsway	9268561517
Delhi Laxmi Nagar	9268209355 /9268693952
Delhi Munirka	9210092245
Delhi Rohini	9250239674

Deoria	9208248122
Dhanbad	9204979723/24
Durgapur	7076856390
Ernakulam	9645415987
Etah	9208237386
Faizabad	9235253421
Faridabad	9643396140
Farrukhabad	7706008029
Fatehpur	9554330811
Firozabad	9208235736
Gaya	9204311416
Ghaziabad	9212229752/24
Ghazipur	9208244539
Gonda	9208250778
Gorakhpur	9235253400/ 9208205892
Gurugram	9643396139
Guwahati	8134935078
Gwalior	9229174910
Haldwani	9208256021
Hardoi	9208248208
Haridwar	7706008034
Hisar	9253678050
Hoshangabad	8358831338
Hyderabad	9247749865 /8790034792
Hyderabad- Dilsukh Nagar	7032410704/ 9032168413
Indore-Bhawarkuan	7581800954
Indore	7581800952
Jabalpur	9229174905
Jaipur	9261601713/ 9261518894
Jammu	9419305561
Jamshedpur	8877187640
Jaunpur	9208244355
Jhalandhar	8557088164
Jhansi	9235253424
Jodhpur	9636512855
Kanpur Kakadev	9235253484
Kanpur Kidwainagar	9235253482
Kanpur Mall Road	9236757143/ 9236720133
Karnal	8930175568



## BRANCH MOBILE NO. | OUR PRESENCE

Kolkata	8017652042/45
Kurukshetra	9253678053
Lakhimpur	9208251562
Lucknow Alambagh Po	9235253521
Lucknow Alambagh Ssc	9235253438/66
Lucknow Bhoothnath	9235253528
Lucknow Gomti Nagar	9235253548
Lucknow Mahanagar Po	9235253443
Lucknow Rajajipuram	9235253425
Ludhiana	9256002028
Mainpuri	9208241450
Mathura	9208235067
Meerut	9235253448
Mirzapur	9208243884
Moradabad	9235253442
Mumbai	9221944071
Muzaffarnagar	7706008032
Muzaffarpur	9204303515/ 9204355614
Nagpur	9272273686
Nagpur-Buldi	9168558073
Nasik	9168512624/ 9168511626
Noida	9953948834
Orai	9208237457
Patiala	9780859721
Patna Boaring Road	9204855301/02

Patna Fraizer Road	9204855305/06/09/11
Pilibhit	9837186684
Pratapgarh	9208245660
Pune	9225231629
Raebareilly	9235253412
Raipur	9229174912/ 9200193438
Rajkot	9979316870
Rampur	9208255388
Ranchi	9204855313
Rewa	7415690904/ 7415690846
Rohtak	8930403886
Roorkee	7706008033
Sagar	7509219781
Saharanpur	9235253445
Sambalpur	8594958962/ 8594959148
Shahjahanpur	9208256201
Shimla	8894100342
Siliguri	7602742939
Sitapur	7706008028/ 9235253514
Sultanpur	9208252915
Surat	9537360459
Tirupati	9581933099
Trivandrum	9645415029
Unnao	9208242493
Vadodara	9537589477
Varanasi	9235253419
Vijaywada	8886309897
Vishakapatnam	9966593419
Warangal	8142230661



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# WHO'S WHO | DESIGNATION

WHO'S WHO		
S.No.	DESIGNATION	NAME
1.	Chairman, Rajya Sabha	Venkaiah Naidu
2.	Chairperson of Lok Sabha	Sumitra Mahajan
3.	Chairman of NITI Ayog	Narendra D Modi
4.	Leader of Opposition in Rajya Sabha	Gulam Nabi Azad
5.	Leader of House in Lok Sabha	Narendra D Modi
6.	Leader of Congress in Lok Sabha	Mallikarjun Kharge
7.	Chief Election Commissioner	Achal kumar jyoti
8.	Election Commissioner	Om Prakash Rawat
9.	Director General, ITBP	RK Pachnanda
10.	Chief Vigilance Commissioner	K V chaudhary
11.	Foreign Secretary	Dr Subrahmanyam Jaishankar
12.	Comptroller & Auditor General of India	Rajeev Mehrishi
13.	Chairman, National Commission for Backward Classes	Jus. Vangala Eswaraiah
14.	Chairman, Telecom Regulatory Authority of India	R. S Sharma
15.	CBI Director	Alok Kumar Verma
16.	Chairman, National Commission for Scheduled Tribes	Nand Kumar Sai
17.	Chairperson, National Commission for Minorities	Syed Ghayorul Hasan Rizvi
18.	Chairman, UPSC	David R. Syiemlieh
19.	Director General, National Investigation Agency	Sharad Kumar
20.	Chairman, UGC	V.S. Chauhan
21.	Chairman, Space Commission and ISRO	A S Kiran kumar
22.	Chairman, Atomic Energy Commission and Sec. Deptt. of Atomic Energy	Sekhar Basu
23.	Chairman, SSC	Ashim Khurana
24.	Chairman, National Human Rights Commission	Justice H.L. Dattu
25.	Registrar General of India and Census Commissioner	Sailesh
26.	Chairman, Central Board of Direct Taxes	Sushil Chandra
27.	Chairman, Insurance Regulatory Development Authority of India	T.S. Vijayan
28.	Chairman, Securities & Exchange Board of India	Ajay Tyagi
29.	Chairperson, State Bank of India	Rajnish Kumar
30.	Chairman, LIC	V.K. Sharma
31.	India's permanent representative in UNO	Syed Akbaruddin
32.	Home Secretary	Rajiv Gauba
33.	Chairperson of National Commission for Women	Lalitha Kumaramanglam
34.	Chairman, 14th Finance Commission	Y.Venugopal Reddy
35.	Chairman, Competition Commission of India	Devendra Kumar Sikri
36.	Chairperson, Central Board of Film Certification	Prasoon Joshi
37.	President, ASSOCHAM	Sandeep Jajodia
38.	Chairman, NASSCOM	Raman Roy
39.	New Chief of Army Staff	Bipin Rawat
40.	Director General, RAW	Anil Dhasmana
41.	Chairperson, Children Film Society of India	Mukesh Khanna
42.	Director, Bhabha Atomic Research Centre	Kamlesh Nilkanth Vyas
43.	President, CII	Shobana Kamineni
44.	President, FICCI	Pankaj R. Patel
45.	Chairman, National Knowledge Commission	Sam Pitroda
46.	National Security Advisor	Ajit Doval
47.	Chairperson, Prasara Bharati	Dr. A. Surya Prakash
48.	Chairman, Investment Commission	Ratan Tata
49.	Finance Secretary	Hasmukh Adhia
50.	Chairman, Indian Banks Association	Rajeev Rishi

Data as on 20<sup>th</sup> November, 2017

09 November '17

## Chennai now part of UNESCO's 'creative cities network'

Chennai has been included in the UNESCO Creative Cities Network for its rich musical tradition. Including Chennai, a total of 64 cities from UNESCO Creative Cities the other Indian cities that The UNESCO Creative Cities in 2004 to promote cooperation have identified creativity as a urban development. The Network Crafts and Folk Arts, Media Literature and Music.



44 countries have joined the Network. Jaipur and Varanasi are feature on the list.

Network (UCCN) was created with and among cities that strategic factor for sustainable covers seven creative fields: Arts, Film, Design, Gastronomy,

13 November '17

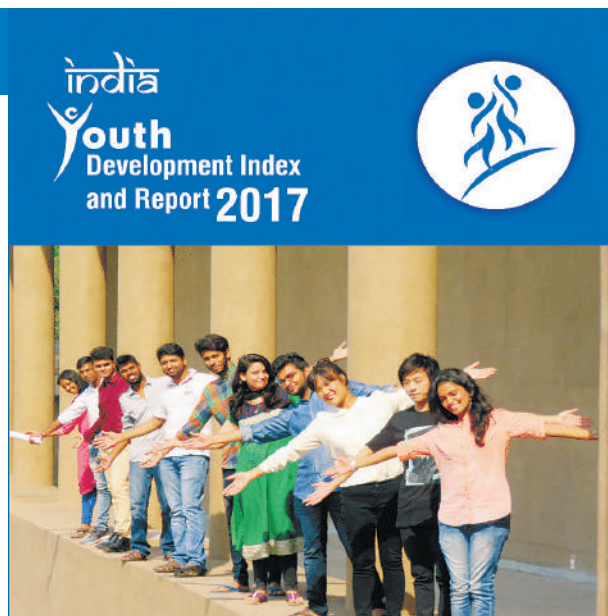
## India Youth Development Index and Report 2017

Union Minister of State for Youth Affairs and Sports (Independent Charge) Rajyavardhan Rathore released the India Youth Development Index (YDI) and Report 2017 in New Delhi.

The index has been developed by the Rajiv Gandhi National Institute of Youth Development (RGNIYD) in Tamil Nadu. The main aim behind constructing the index is to track the trends in Youth Development across the states.

### Key Highlights

- ✎ The index will help recognise the high and low performing states, indentify the weak domains and inform the policy makers about the priority areas of intervention for youth development in the states.
- ✎ The construction of the index was done using the latest definition of youth as used in National Youth Policy – 2014 (India) and World Youth Development Report of Commonwealth (15 – 29 years) as well as using the Commonwealth Indicators in order to facilitate Global comparison.
- ✎ In the India Youth Development Index 2017, the first five dimensions are retained same as that of Global YDI.
- ✎ The indicators and weights have been modified based on the availability of data at state level and the importance of the indicators in explaining Youth Development with the aim of capturing the multidimensional properties.



## Indonesia's Kevin Lilliana wins Miss International 2017

16 November '17

Kevin Lilliana of Indonesia was crowned Miss International 2017 by Verzosa in Tokyo, beating 68 candidates from across the globe.

The 21-year-old was also named Miss Best Dresser during the ceremony.

### Below is the list of the winners for 2017.

Miss International 2017 – Kevin Lilliana, Indonesia

**1st runner-up** – Curacao, Chanelle de Lau

**2nd runner-up** – Diana Croce Garcia, Venezuela

**3rd runner-up** – Amber Dew, Australia

**4th runner-up** – Natsuki Tsutsui, Japan





# WORLD OF ENGLISH | ETYMOLOGY

VEHEMENT

## PRONOUNCIATION

vē-ə-mənt

Okay so let's deal with this one !

Vehe can be pronounced like vie from the word Vienna and 'ment' can be pronounced like n't from amn't or 'ain't', so all together you have to pronounce it like vie+n't=hence becomes vehement but pronounced like viemunt.

## DEFINITIONS

showing strong feeling; forceful, passionate, or intense.

## SYNONYMS

passionate, forceful, ardent, impassioned, heated

## ANTONYMS

Calm, cool, apathetic, dispassionate, indifferent

## EXAMPLES OF VEHEMENT IN A SENTENCE

- 1- I was vehement about monitoring the actions of the police as they sought my husband's killer.
- 2- When people learned the banks were going to be bailed out by the government, they made vehement protests across the country.
- 3- Jack's enemies on the school board met his proposal with vehement opposition.
- 4- Because Kritika was disappointed in the customer service she received, she wrote a vehement letter to the manager of the restaurant.
- 5- The vehement debate lasted for hours.

## FIRST KNOWN USE OF BOORISH

15<sup>th</sup> century

C15: from Latin vehemens ardent; related to where to carry 1475-85; < Latin vehement-, stem of vehēmens, vēmēns violent forceful(of uncertain derivation)

## NEW AND TRICKY

SUFFIX -	DESCRIPTION	PARTS OF SPEECH	MADE FROM	EXAMPLES
ENT	doing something	Adjective or noun	Verb	Intransigent, fervent, complacent

## OTHER PARTS OF SPEECH

**vehemently**, adverb

**nonvehement**, adjective

**nonvehemently**, adverb

**overvehement**, adjective

**overvehemently**, adverb

## Contemporary Examples

My vehement dislike for the accoutrement stems back to 1982 when I was asked to wear pink roses in my hair to a family wedding.

Flower Crowns Are Phony and Must Die Sara Lieberman September 4, 2014

The ire Friedberg and Seltzer have drawn from crowds is both boisterous and vehement –Airplane!

Seth MacFarlane's 'A Million Ways to Die in the West' Is Yet Another Failed Spoof Alex Suskind May 28, 2014

Our vehement prejudices leave us no patience for his appeal to radical humanism.

How to Fight for Freedom in 2014 James Poulos December 28, 2013

Even proposing to shift funding for entitlements from payroll to consumption based taxes meets vehement opposition.

We're All Reactionaries Now Justin Green May 1, 2013

By now there are many hundreds of these tweets, varying from vehement to vituperative, from accusatory to abusive.

The Newtown Heckling Controversy David Frum January 29, 2013

## Historical Examples

This outburst from Mrs. Porter startled the girl; it was so passionate, so vehement.

Thoroughbreds W. A. Fraser

vehement cheers from the ministerial benches; cries of "Order!"

Alice, or The Mysteries, Complete Edward Bulwer-Lytton

He started from his reverie with a vehement gesture, and groaned audibly.

Alice, or The Mysteries, Complete Edward Bulwer-Lytton

Mr Flintwinch had pulled him into his coat with vehement energy.

Little Dorrit Charles Dickens

Then began a contention the most vehement that ever I had with woman.

Clarissa, Volume 3 (of 9) Samuel Richardson

## Other related examples

1. He issued a vehement denial of the accusation.
2. The proposal has faced vehement opposition from many teachers.
3. She was vehement about the need for new safety measures.



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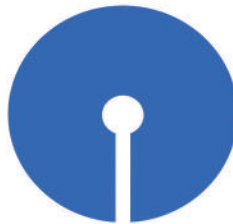
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# WORLD FOOD INDIA 2017



“The second largest arable land area, and as many as 127 diverse agro-climatic zones, give us global leadership in a number of crops like bananas, mangoes, guavas, papayas, and okra. We are second, globally, in terms of production of rice, wheat, fish, fruits and vegetables. India is also the world's biggest milk producer. Our horticulture sector has shown an average growth rate of 5.5 per cent annually over the last ten years.” Narendra Modi

With the vision of transforming Indian food economy and doubling farmer's income by bringing latest technologies evolution and best practices into the system, World Food India 2017 was organised from 3-5 November in New Delhi. It is the most anticipated international mega food event, as India hosted the biggest ever congregation of global investors and business leaders of major food companies. Organized by Ministry of Food Processing Industries under leadership of Union Minister Harsimrat Kaur Badal, World Food India aims to transform Food Economy and realize the vision of doubling of farmers' income by establishing India as a preferred investment destination and sourcing hub for the global food processing industry. This is the first time that India is hosting such an event for the Food processing sector. World Food India platform strengthens India's position as a Global Food Factory and is a positive step towards making the Country Food Secure.

World Food India 2017 hosted over 2,000 participants, over 200 companies from 30 countries, 18 ministerial and business delegations, nearly 50 global CEOs along with CEOs of all leading domestic food processing companies, and representatives of 28 States in India. Germany, Japan and Denmark are Partner Countries to World Food India. Italy & Netherlands are the Focus Countries.

## Highlights of the event

### Nivesh Bandhu

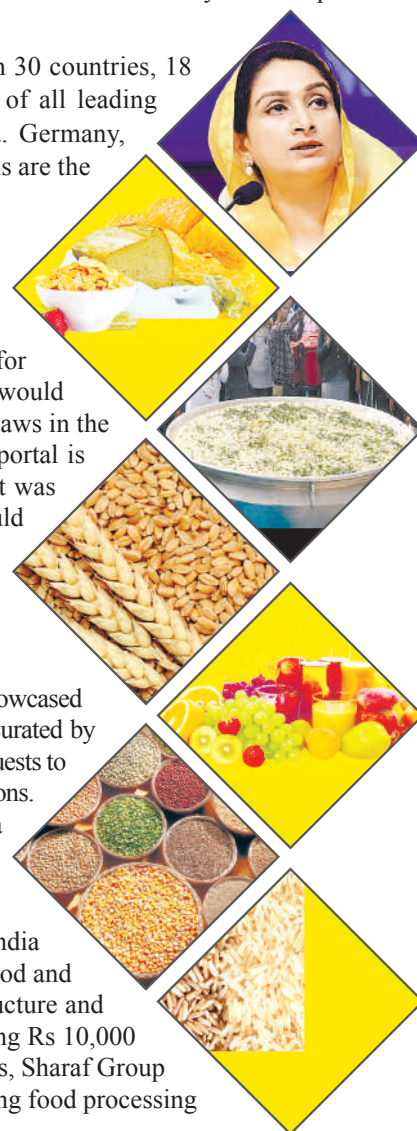
MoFPI and FSSAI, the apex Regulatory body for Food Safety in India announced a powerful new tool called 'the Food Regulatory Portal.' Planned as a single interface for food businesses to cater to both domestic operations and food imports, this portal would be a game changer for effective and transparent implementation of the food safety laws in the country. Aiming to create an enabling environment for businesses to operate, the portal is strategically aligned with Government's mission of One Nation, One Food Law. It was launched to assist investors to make informed investment decisions. The portal would provide information on Central and State Governments' investor friendly policies, agro-producing clusters, infrastructure, and potential areas of investment in the food processing sector.

### Food Street

The special feature of the Event was the "Food Street" - a lively vibrant zone, that showcased Indian and foreign cuisines using Indian ingredients, flavours and fragrances, specially curated by Chef Sanjeev Kapoor. The Food Street was a unique concept that acted as a platform for guests to learn about the globalisation of Indian food through interactive chef talks and demonstrations. It represents the traditional flavours as well as modern fusion food and gave the attendees a wholesome experience about the diverse uniqueness that Indian food offers.

### MoU's

The companies who signed an MoU signalling their intent and seriousness about India included PepsiCo which signed an MoU worth Rs 13,300 crores for setting up a Food and Beverage plant, Coca Cola for investing Rs. 11,000 crore in juice bottling infrastructure and fruit processing plants and equipment; ITC and Patanjali who committed to investing Rs 10,000 crore each in the sector. Other MoUs signed included Amazon in food retail business, Sharaf Group of UAE for Farm produce, collection, processing and Export; YES Bank for financing food processing projects across the sector.





### Guinness World Record with 918kg of Khichdi

The India Gate Lawns witnessed the making of the largest portion of Khichdi, weighing 918 kilograms. Team headed by Chef Sanjeev Kapoor created a Guinness world record at the first ever World Food India festival. A giant kadai made of stainless steel was used in the making of the Khichdi

### Meetings

International Ministerial & business delegations with 200+ members from 15 countries took part in B2B/B2G meetings. The mega event hosted 8 sectoral conferences, 2 plenary sessions on “India the preferred destination” with the Finance Minister of India and one on “One Nation, one food law- an enabling regulatory environment for investment in the food sector” in association with the Food Standards and Safety Authority of India. In addition, there were 20 State sessions and 6 country sessions. 7 sectoral publications also released at the event. The president of India termed WFI “the Kumbh mela of Indian Food”

There is huge potential in the food processing industry. Initiatives like World Food India not only promotes the industry at international level but it also accelerates the employment opportunities. The need of the hour is to make the Indian food brand extensive and it must be showcased as a healthy food all over the world. Such events are the good initiative in the interest of consumers as well as investors.

### Highlights

- ✎ Participation from 22 Countries.
- ✎ 3 Partner Countries - Denmark, Germany & Japan.
- ✎ 2 Focus Countries - Italy & Netherlands.
- ✎ 28 Indian States and one union territory participating to showcase their strengths and opportunities in Food processing Industry.
- ✎ 700+ exhibiting companies.
- ✎ Digital Theme Pavilion - virtual walk through mega food parks.
- ✎ Special focus on Women Entrepreneurs and Farmer producer organization.

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Air pollution is one of the most serious concern globally. Not only India but most of the countries in the world are going through drastic changes due to air pollution. Air pollution refers to contamination of environment with some substance that leaves an adverse impact on quality of life, human health, and most importantly on the natural ecosystem.

In the past few years, we have been noticing a severe type of air pollution during early winters. This is generally referred as winter air pollution or smog. The condition in the major cities of the world is getting worsen day by day likewise Delhi is at the receiving end in India. The medical journal the Lancet recently estimated that 2.5m Indians die prematurely each year due to air pollution, compared with 1.8m in China. The Indian Medical Association called the smog a “public health emergency”.

### What is SMOG?

Smog which is mainly formed above metro cities or urban areas, is composed mainly of tropospheric ozone (O<sub>3</sub>); primary particulate matter such as pollen and dust; and secondary particulate matter such as sulphur oxides, volatile organic compounds, nitrogen oxides (NO<sub>x</sub>) and ammonia gas. The severity of smog in an urban area is usually assessed by measuring ground-level ozone.

Pollutant	Sources, Both Natural and Human-Made
Volatile organic compounds (VOC)	Tailpipe emissions, evaporation of gasoline, surface coatings such as oil paints, fuel combustion, vegetation
Nitrogen oxides such as nitric oxide (NO) and nitrogen dioxide (NO <sub>2</sub> )	Tailpipe emissions, manufacturing industries, electricity generating stations, fossil fuel powered plants, oil refineries, pulp and paper plants, incinerators
Sulphur dioxide (SO <sub>2</sub> )	Non-ferrous metal smelting, thermal electricity generating stations, oil refineries, pulp and paper plants, incinerators
Particulate matter	Tailpipe emissions, volcanoes, wind erosion, forest fires, fossil fuel powered plants

WHO classifies particulate matter — the major components being “sulphate, nitrates, ammonia, sodium chloride, black carbon, mineral dust and water” — into two broad types, PM<sub>10</sub> and PM<sub>2.5</sub>, with the numbers indicating the diameter of the particles in microns. In Delhi, the ground-level ozone and PM 2.5 play the most significant role in formation of smog.

According to WHO - Chronic exposure to both PM<sub>10</sub> and PM<sub>2.5</sub> can lead to the “risk of developing cardiovascular and respiratory diseases, as well as of lung cancer”. Both can penetrate and lodge deep inside the lungs; PM<sub>2.5</sub> can “cross into the blood, causing damage in many organ systems.

### Causes of winter air pollution:

One of the main cause of air pollution in early winters is extremity of fire crackers during festivals such as Diwali and Dushehra. Region of Delhi-NCR and other major cities started experiencing major issues right after the day of celebration. Another major concern faced by Delhi-NCR is stubble burning by neighboring states in the month of October-November. Stubble burning is an act of removing paddy crop residue from the fields to sow wheat. To remove the crop residue farmers generally burn them at massive level. The other responsible causes are as follows:

- ✎ Domestic sources - People are still burning kerosene, Coal and other biomass fuels.
- ✎ Harmful components including lead, zinc, and polycyclic aromatic hydrocarbons are present in the atmosphere in high concentration during winter season.
- ✎ Adverse metrological factors such as slow wind speed, wind patterns, moisture in the air, low temperature is the major disruption in the dispersion of suspended pollutants.
- ✎ Vehicular pollution is increasing day by day.

### Air Quality Index

The AQI is an index for reporting daily air quality. It tells how clean or polluted your air is, and what associated health effects might be a concern. . EPA calculates the AQI for five major air pollutants regulated by the Clean Air Act: ground-level ozone, particle pollution (also known as particulate matter), carbon monoxide, sulfur dioxide, and nitrogen dioxide. For each of these pollutants, EPA has established national air quality standards to protect public health. Ground-level ozone and airborne particles are the two pollutants that pose the greatest threat to human health in this country.

Air Quality Index (AQI) Values	Levels of Health Concern	Colors
When the AQI is in this range:	..air quality conditions are:	...as symbolized by this color:
0 to 50	Good	Green
51 to 100	Moderate	Yellow
101 to 150	Unhealthy for Sensitive Groups	Orange
151 to 200	Unhealthy	Red
201 to 300	Very Unhealthy	Purple
301 to 500	Hazardous	Maroon
Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0 to 50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51 to 100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151 to 200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201 to 300	Health alert: everyone may experience more serious health effects.
Hazardous	301 to 500	Health warnings of emergency conditions. The entire population is more likely to be affected.

### Its Impact:

Many organisations have conducted studies at various level to examine the impact of pollution on human health especially on respiratory functioning's and other associated morbidity. It has been concluded that the major cities prevalent to air pollution such as Delhi is at high risk of diseases caused by pollution especially respiratory disorders.

The cases of Asthma is higher in such metro cities in comparison to other cities and rural areas. Lung functions was reduced to 40.3% individuals of metro cities compared with 20.1% in other areas. Non-respiratory effects were also noticed. Hypertension, chronic headache, eye and skin irritation etc. is very common in such cities.

### Control Measures by the Government:

During the recent winter air pollution in Delhi, The Environment Pollution - Prevention and Control Authority (EPCA) has recommended a series of measures including slashing of Metro fares during off-peak hours and quadrupling of parking fees temporarily to tackle the severe pollution crisis in Delhi, the capital city of India.

### Key Instructions

- The EPCA has instructed the Delhi Metro to lower fares during off-peak hours for at least 10 days and introduce more coaches and frequent services.
- It has also instructed Delhi and its neighboring states including Uttar Pradesh, Rajasthan and Haryana to strengthen their public transport system by introducing more buses.

- Further, the green body has ordered the municipal bodies in the region to increase parking fees in Delhi-NCR by four times.
- It has also directed a fine of Rs 50,000 on road construction agencies violating dust pollution norms in Delhi-NCR.
- It has also issued warnings to the Delhi-NCR governments to start preparing for extreme measures such as ordering a blanket ban on construction activities and imposing the odd-even rule if the pollution situation aggravates.
- Other measures recommended by the body include complete closure of brick kilns, hot mix plants and stone crushers across the region till further notice.

The pollution levels has breached permissible standards by multiple times. The situation has reportedly been triggered by the mixing of local pollutants with smoke-laden air from the neighbouring states of Punjab and Haryana and the moisture-heavy winds from the eastern region. India is attempting hard to move towards a greener and safer economy. Pradhan Mantri Ujjwala Yojna for providing LPG connections to all households is an initiative by government to eliminate the use of Coal, Kerosene oil and other burning fossils from every house hold. International Solar Alliance is also an appreciable effort to introduce renewable and clean energy at very basic level. Among all these measures, not only the government but every citizen must take active participation to combat the major challenges of air pollution. It's a high time to confront the situation by implementing effective measures for a longer run.





# BONN CLIMATE CHANGE CONFERENCE

## COP23

### About COP23

The 2017 UN Climate Conference takes place in Bonn, Germany, from 6-17 November. Leaders of national governments, cities, states, business, investors, NGOs and civil society gathered to speed up climate action to meet the goals of the Paris Climate Change Agreement. The COP is organized by the UN Framework Convention on Climate Change (UNFCCC). COP 23 is held to further discuss the provisions and finalize the rulebook of Paris Agreement. The process of finalizing the rule book was initiated in Marrakesh Climate conference 2016 COP 22. The rulebook explains new international standards for measuring carbon emissions, it will also compare the efforts made by various countries.

### About UNFCCC

In 1992, countries joined an international treaty, the United Nations Framework Convention on Climate Change, as a framework for international cooperation to combat climate change by limiting average global temperature increases and the resulting climate change, and coping with impacts that were, by then, inevitable. It is also known as Rio Earth Summit, it marked the beginning of first focused effort at international level to mitigate the problem of climate change.

By 1995, countries launched negotiations to strengthen the global response to climate change, and, two years later, adopted the Kyoto Protocol. The Kyoto Protocol legally binds developed country Parties to emission reduction targets. The Protocol's first commitment period started in

2008 and ended in 2012. The second commitment period began on 1 January 2013 and will end in 2020.

There are now 197 Parties to the Convention and 192 Parties to the Kyoto Protocol.

The 2015 Paris Agreement, adopted in Paris on 12 December 2015, marks the latest step in the evolution of the UN climate change regime and builds on the work undertaken under the Convention. The Paris Agreement charts a new course in the global effort to combat climate change.

### About Paris Agreement (COP 21)

Paris agreement is an agreement under United Nations Framework Convention on Climate Change (UNFCCC) which deals with the greenhouse gases emissions mitigation, adaptation and financing. It aims at halting the increase in global average temperature below 2° C compared to pre industrial levels. It is one of its kind comprehensive climate deal which aims to increase the ability to adapt to the adverse impacts of climate change. It furthermore aims to reach 'Global peaking of greenhouse gas emissions as soon as possible'. The Paris Agreement requires the signing and ratification by at least 55 countries which together account for at least 55 per cent of global greenhouse gas emissions. Both conditions need to be met. So far, it is signed by 195 Parties and ratified by 146 countries plus the European Union.

### Nationally determined contributions

The Paris Agreement requires all Parties to put forward their best efforts through "nationally determined contributions"

<b>1992:</b>	United Nations Framework Convention on Climate Change (UNFCCC) adopted (effective from 1994)
<b>1997:</b>	Kyoto Protocol adopted (COP3) (effective from 2005) *Not ratified by USA
<b>2009:</b>	Copenhagen Accord (COP15) COP took note of the listing of emission reduction targets and actions up to 2020 of developed countries and developing countries (COP decision not reached).
<b>2010:</b>	Cancun Agreements (COP16) - Emission reduction targets submitted by each country organized into UN documents.
<b>2011:</b>	Durban Platform (COP17) - Ad-hoc working group (ADP) was established to develop a new framework applicable to all Parties.
<b>2012:</b>	Doha Climate Gateway (COP18) - Establishment of the second commitment period of the Kyoto Protocol.
<b>2013:</b>	Warsaw decision (COP19) - The timing of the submission of emission reduction targets from 2020 (intended nationally determined contributions: INDC) was determined.
<b>2014:</b>	Lima Call for Climate Action (COP20) - Contents of information to be provided when submitting INDC was agreed and elements for a draft negotiating text for framework were elaborated.
<b>2015:</b>	Paris Agreement adopted (COP21) (entered into force on November 4, 2016) - Agreement reached for the first time where all parties participate in taking concrete measures against climate change.

(NDCs) and to strengthen the above mentioned efforts in the years ahead. This includes requirements that all Parties report regularly on their emissions and on their implementation efforts. The contribution should be reported every five years.

### India's Intended Nationally Determined Contribution (INDC)

India is the 62nd country to ratify the agreement. India's INDC include reduction in the emissions intensity of its GDP by 33 to 35 per cent by 2030 from 2005 level and to create an additional carbon sink of 2.5 to 3 billion tonnes of CO<sub>2</sub> equivalent through additional forest and tree cover by 2030. It also includes the pledge of to create carbon sink of 2.5-3 Billion tonnes of CO<sub>2</sub> equivalent through additional forest and tree cover by 2030. India needs to achieve 40% of its cumulative installed capacity of power generation from non-fossil based energy sources.

### Developments in COP 23

The COP 23 which was held in Bonn, Germany and was chaired by The Republic of Fiji, expressed a renewed sense of urgency and a need for greater ambition to tackle climate change. Participants focused on how to maintain momentum two years after the adoption of the Paris Agreement on climate change in the context of the recent announcement by the United States of its decision to withdraw from the accord. At COP23, cities and local governments, including American cities and states, intensified their push to achieve the goals set out in Paris.

The Fiji Presidency announced an agreement on a Gender Action Plan, highlighting the role of women in climate action. Apart from negotiations among Parties to the UN Framework Convention on Climate Change (UNFCCC), several new climate action initiatives, commitments and partnerships were announced by States and non-State actors in the areas of energy, water, agriculture, oceans and coastal areas, human settlements, transportation,

industry, and forests. More than 20 countries, including the Canada, Finland, France, Mexico, and the United Kingdom, launched a new global coal alliance aimed at achieving the rapid phase-out of existing traditional coal power and at placing a moratorium on any new traditional coal power stations without operational carbon capture and storage.

The 19 Member countries of the 'Biofuture Platform,' including Brazil, China, Egypt, France, India, Morocco, Mozambique, also announced a formal agreement on the development of targets for biofuels and to construct an action plan to achieve them.

Among other initiatives announced during the Conference, a global initiative was launched Tuesday with the aim of providing insurance to hundreds of millions of vulnerable people by 2020 and to increase the resilience of developing countries against the impacts of climate change. The 'InsuResilience' Global Partnership is a major scaling-up of an initiative started by the G7 in 2015 under the German Presidency.

Climate change is one of the most serious threat which needs to be focused. Changing scenario of our daily activities, constantly increasing dependability on machines, burning of fuels at massive level is a serious concern for environment. The efforts by UNFCCC is appreciable, but there are certain challenges which may hinder this initiative. The biggest challenge is the withdrawal of US from the agreement. US signed this agreement in the regime of former president Barack Obama, but the present president Donald Trump withdraw itself from the agreement by saying that Paris deal unfairly puts constraints on the United States coal industry, and unfairly allows some countries to continuing to pollute at a greater rate than others. The US is the second-largest emitter of greenhouse gases in the world, right behind China. Without participation of US the agreement would not be as effective as before. In the latest addition, war torned Syria and Nicaragua signed this agreement.







# MISS WORLD 2017

Manushi Chhillar brought home the Miss World title that was evading India for 17 long years. The last Indian woman to grab this title was Priyanka Chopra in 2000. It brings India level with Venezuela as the countries with most victories in the history of the pageant. Chhillar is the sixth Indian woman to win the coveted title. Reita Faria was the first woman to be honoured with the title back in 1966. Aishwariya Rai Bachchan was the second lady, who won in 1994, Diana Hayden in 1997, Yukta Mookhey in 1999 and Priyanka Chopra in 2000.

Manushi from Haryana was born to doctor parents - father, Dr Mitra Basu Chhillar, is a scientist at the Defence Research and Development Organisation, and mother, Dr Neelam Chhillar, is an associate professor and department head of neurochemistry at the Institute of Human Behaviour and Allied Sciences. Manushi studied at St Thomas' School in New Delhi, and is pursuing a medical degree at the Bhagat

Phool Singh Government Medical College for Women in Sonapat. Miss world 2017 event took place in Sanya, China. 126 women from all around the globe participated in this event. Stephanie Hill, Miss England, was the first runner up and Miss Mexico Alma Andrea Meza Carmona was second runner up in the 67th Miss World contest. Stephanie Del Valle, the last year's Miss World winner from Puerto Rico, presented the honor to Manushi. This oldest running beauty pageant was created by Eric Morley of United Kingdom in 1951. Presently this pageant is chaired by Julia Morley, wife of Eric Morley, who died in the year 2000. Miss World pageant is one of the most broadcasted event along with Miss Universe, Miss Earth and Miss International. These four events are together known as Big Four International Beauty pageants.

Originally the Miss World pageant was planned as a pageant for the festival of Britain but later, Eric Morley decided to make it an annual event. Kerstin "Kiki" Håkansson from

## LIST OF MISS WORLD

Sweden was the winner of the first Miss World beauty pageant after being crowned Miss Sweden World in 1951. The first black African Miss World winner is Agbani Darego of Nigeria. She was crowned in 2001.

**1957** - Marita Lindahl, Finland  
**1958** - Penelope Coelen, South Africa  
**1959** - Corine Rottschäfer, Holland  
**1960** - Norma Cappagli, Argentina  
**1961** - Rosemarie Frankland, United Kingdom  
**1962** - Catharine Lodders, Holland  
**1963** - Carole Crawford, Jamaica  
**1964** - Ann Sidney, United Kingdom  
**1965** - Lesley Langley, United Kingdom  
**1966** - Reita Faria, India  
**1967** - Madeiline Hartog, Peru  
**1968** - Penelope Plummer, Australia  
**1969** - Eva Reuber Staier, Austria  
**1970** - Jennifer Hosten, Grenada  
**1971** - Lucia Petterle, Brazil  
**1972** - Belina Green, Australia  
**1973** - Marjorie Wallace, USA

**1974** - Anneline Kriel, South Africa  
**1975** - Winelia Merced, Puerto Rico  
**1976** - Cindy Breakspeare, Jamaica  
**1977** - Mary Stavin, Sweden  
**1978** - Silvana Suarez, Argentina  
**1979** - Gina Swainson, Bermuda  
**1980** - Kimberly Santos, Guam  
**1981** - Pilin Leon, Venezuela  
**1982** - Mariasela Lebron, Dominican Republic  
**1983** - Sarah Jane Hutt, United Kingdom  
**1984** - Astrid Herrera, Venezuela  
**1985** - Hofi Karlsdottir, Iceland  
**1986** - Giselle Laronde, Trinidad  
**1987** - Ulla Weigerstorfer, Austria  
**1988** - Linda Petursdottir, Iceland  
**1989** - Andeta Kreglicka, Poland  
**1990** - Gina Marie Tolleson, USA  
**1991** - Ninebeth Jiminez, Venezuela  
**1992** - Julia Kourotschkina, Russia  
**1993** - Lisa Hanna, Jamaica  
**1994** - Aishwariya Rai, India  
**1995** - Jacqueline Aquilera, Venezuela  
**1996** - Irene Skliva, Greece

**1997** - Diana Hayden, India  
**1998** - Linor Abargil, Israel  
**1999** - Yukta Mookhey, India  
**2000** - Priyanka Chopra, India  
**2001** - Ibiagbanidokibubo Asenite Darego—Nigeria  
**2002** - Azra Akin—Turkey  
**2003** - Rosanna Davidson, Ireland  
**2004** - Maria Julia Mantilla Garcia, Peru  
**2005** - Unnur Birna Vilhjalmsdottir, Iceland  
**2006** - Tat'ana Kucharova, Czech Republic  
**2007** - Zhang Zhi Li, China PR  
**2008** - Ksenia Sukhinova, Russia  
**2009** - Kaiane Aldorino, Gibraltar  
**2010** - Alexandria Mills, USA  
**2011** - Ivian Sarcos, Venezuela  
**2012** - Wen Xia Yu, China PR  
**2013** - Megan Young, Philippines  
**2014** - Rolene Strauss, South Africa  
**2015** - Mireia Lalaguna Royo, Spain  
**2016** - Stephanie Del Valle, Puerto Rico  
**2017** - Manushi Chhillar, India



# Demonetisation

## A year after



8th November 2016 is marked as the one of the historic day on which Prime Minister Narendra Modi declared the withdrawal of high denomination currency notes of Rs. 500 and Rs. 1000 from the economy. This move was taken to curb the menace of black money, fake currency and corruption. This move was also taken to counterfeit terror funding.

Demonetisation is an act of banning particular currency notes from circulation. It occurs when there is change in national currency. First Demonetisation was announced in the country in 1946, when RBI announced to demonetise Rs. 1000 and Rs. 10000 notes. Later, the demonetisation took place in 1978, by invalidating Rs. 1000, Rs. 5000 and Rs. 10000 notes. Henceforth in the backdrop of this move, we will see how India performed in last one year of post-demonetisation: Demonetisation comes up with a very promising note. The aim of government is really appreciable but the measures taken by the government is arguable. Let's look at the major aims of demonetisation and how the ground realities varies from the stated objectives.

### 1-Black money:

The first and the foremost aim of the government is to curb black money.

Apart from demonetisation, the government has constituted a Special Investigation Team (SIT) to unearth black money, enacted the Black Money (Undisclosed Foreign Income and Assets) and Imposition of Tax Act, 2015, to deal with black money stashed abroad, and amended the Benami Transaction Act, 1988 to enable the appropriation of benami property. After one year of demonetisation nearly 99 per cent of banned notes are back with the RBI. 17.73 lakh suspicious cases identified where cash deposit do not match tax profile. Rs. 3.68 lakh crore in 23.22 lakh bank account under suspicion.

### 2- Digital Transactions:

The aim was to bring about a shift from a cash based economy towards more digital economy. The move was taken in order to make India cashless economy.

In reality Number of digital transaction increased from 87 crore in August 2016 to 138 cr in August 2017, an increase of 58%. Debit card transaction terms of value increased from Rs 18370 cr in August 2016 to Rs 35413 cr in August 2017. An increase of 48%. Digital payment platforms like PayTm faced a twofold upsurge.

### 3- Cash in circulation:

One of the objective was that the quantum of cash operating in the system must gradually come down.

### In reality:

The RBI spent Rs 7,965 crore to print new currency notes from July 2016 to June 2017, more than twice the Rs 3,421 crore in the same period the previous year.

But, if the currency in circulation does decline consistently, it could offset this huge one-time expenditure and other related expenses.

### India's financial system being cleansed

- 2.24 lakh shell companies struck off.
- Many shell companies had more than 100 accounts each. One company had as many as 2134 bank accounts.
- A company with a balance of just a Rs 63.60 lakh, deposited Rs. 18.23 cr and withdrew 18.68 cr during demonetisation.
- 28000 bank accounts belonging to 35000 shell companies deposited and withdrew Rs. 17000 cr post demonetisation.
- A company with negative opening balance as on 8th November 2016, deposited and withdrew Rs 2484 cr post demonetisation

### 5- Tax base:

#### Unprecedented increase in tax compliance

- Number of new tax payers increased from 66.53 lakh in 2015-16 to 84.21 lakh in 2016-17. The total increase of 26.6%.
- Number of e-returns filed increased from 2.35 crore in 2016-17 to 3.01 crore in 2017-18. Total increase of 27.95%.

### Negative outcomes:

One of the major negative outcome faced by the country is instability of MSME's. The micro industries went through fatal phase, also there is big losses to the unorganised sector, farmers and traders. As the availability of banks in rural areas is very less. To make those areas digital, we need to improve the internet connectivity which is not promisable.

The Reserve Bank of India (RBI) 2016 report on branch authorization policy classified 93% of rural centres in the country as unbanked, with the population dependent on roving banking correspondents and on distant urban or semi-urban branches. Access to the internet is equally patchy, with only 3% of households in underdeveloped rural access to internet in a 2016 consumer economy survey.

Another major negative outcome is the harassment to the common people. The banks and ATM's were not fully prepared for this major step, As a result we have seen long ques outside banks and ATM machines.

### Way Forward:

Government should focus on ensuring growth, job creation and investment. The urgent need is to get the private sector to start investing. One way to avoid winds of deflation is to kick-start private investments.

Reviving the investment cycle and tackling bad loans will be the key challenges to be tackled on a priority basis in the current fiscal.

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**Q.1.** Consider the following statements:  
(A) Suresh Sethi is the MD and CEO of IPPB.

(B) IPPB is a Public Limited Company with 51% GOI equity.

(C) The second 'P' in IPPB stands for Personal.

Which of the statements given above is/are false?

- (1) Only A (2) Only B  
(3) Only C (4) Only B and C  
(5) None of these

**Q.2.** Which union ministry will celebrate Child Rights Week 'Hausla 2017'?

- (1) Ministry of Women and Child Development  
(2) Ministry of Rural Development  
(3) Ministry of Human Resource Development  
(4) Ministry of Social Justice and Empowerment  
(5) None of these

**Q.3.** Which state has become the India's first state to treat Hepatitis-C patients through oral medicine?

- (1) Telangana (2) Haryana  
(3) Punjab (4) Karnataka  
(5) None of these

**Q.4.** Which international organisation will get 2017 Mother Teresa Memorial Award for social justice?

- (1) International Committee of the Red Cross (ICRC)  
(2) World Food Programme (WFP)  
(3) United Nations High Commissioner for Refugees (UNHCR)  
(4) International Organization for Migration (IOM)  
(5) None of these

**Q.5.** The 2017 National Legal Services Day (NLSA) is celebrated on which date in India?

- (1) November 11  
(2) November 9  
(3) November 10

**Q.6.** Identify the personality from the given below clues:

- (A) He was appointed as Special Director of CBI.  
(B) He has probed Agusta Westland, Fodder Scam and Godhara train arson cases.  
(C) He arrested RJD chief Lalu Prasad Yadav in 1997.

- (1) Javed Ahmed  
(2) Rakesh Asthana  
(3) Arvind Kumar  
(4) Sudeep Lakhtakia  
(5) None of these

**Q.7.** For what reason Dineshwar Sharma was in news recently?

- (1) appointment as ambassador to Pakistan  
(2) appointment as Home Secretary Government of India  
(3) appointment as special representative to Jammu and Kashmir  
(4) appointment as CBI Chief  
(5) None of these

**Q.8.** Rukaiya Rangwala was recently in news, she is associated with which of the following Digital wallet?

- (1) PayTM (2) MobiKwik  
(3) PayUMoney (4) LIME  
(5) None of these

**Q.9.** Consider the following statements:

- (A) Jacinda Ardern has been sworn in as the New Prime Minister of New Zealand.  
(B) Jacinda Ardern is the second female Prime Minister of New Zealand.  
(C) Jacinda Ardern is a leader of Labor Party of New Zealand.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) Only A and C  
(5) None of these

**Q.10.** Consider the following statements:

(A) Kenneth Juster is the new United States (US) Ambassador to India.

(B) Richard Verma, was the first Indian-American to head this position.

(C) Juster was one of the key architects for the landmark civil nuclear agreement between the two countries in 2008.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A, B and C  
(5) None of these

**Q.11.** Neelamani N Raju was recently appointed as the first woman Director General and Inspector General of Police (DG-IGP) of which of the following states?

- (1) Maharashtra  
(2) Madhya Pradesh  
(3) Karnataka  
(4) Kerala  
(5) None of these

**Q.12.** Who among the following has been appointed as the Director General of the National Investigation Agency (NIA)?

- (1) YC Modi  
(2) Radha Vinod Raju  
(3) Sharad Kumar  
(4) Sharad Chandra Sinha  
(5) None of these

**Q.13.** Which post was held by Hasmukh Adhia who has recently been appointed as the new Finance Secretary of the country?

- (1) Commerce Secretary  
(2) Revenue Secretary  
(3) Foreign Secretary  
(4) Defence Secretary  
(5) None of these

**Q.14.** Who among the following has been conferred with the Tata Literature Lifetime Achievement Award 2017?

- (1) Amitav Ghosh  
(2) Vasudevan Nair  
(3) Girish Karnad



- (4) Kiran Nagarkar  
(5) None of these
- Q.15.** Consider the following statements:  
(A) Cristiano Ronaldo has won the Best FIFA Men's Player Award for the first time.  
(B) Cristiano Ronaldo is a Brazilian professional footballer.  
(C) Cristiano Ronaldo is the first player in history to win four European Golden Shoes.  
Which of the statements given above is/are true?  
(1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these
- Q.16.** Which union minister has released India Youth Development Index and Report 2017?  
(1) Prakash Javadekar  
(2) Smriti Irani  
(3) Maneka Gandhi  
(4) Rajyavardhan Singh Rathore  
(5) None of these
- Q.17.** Audrey Azoulay has been appointed as the new chief of UNESCO. She hails from which country?  
(1) Germany (2) Italy  
(3) Bulgaria (4) France  
(5) None of these
- Q.18.** The 2017 Public Service Broadcasting Day (PSBD) is celebrated on which date in India?  
(1) November 11 (2) November 13  
(3) November 12 (4) November 14  
(5) None of these
- Q.19.** Who is leading the Indian delegation in the ASEAN Business and Investment Summit 2017 (ABIS 2017)?  
(1) Nirmala Sitharaman  
(2) Narendra Modi  
(3) Dharmendra Pradhan  
(4) Arun Jaitley  
(5) None of these
- Q.20.** Match the List-I with List-II:  
List-I (Category) List-II (Player)  
(A) Best FIFA Women's Player  
1. Gianluigi Buffon  
(B) Best FIFA Goalkeeper  
2. Sarina Wiegman  
(C) Best FIFA Men's Coach  
3. Lieke Martens  
(D) Best Women's Coach  
4. Zinedine Zidane  
Choose the correct answer from the choices given below:  
(1) A-1 B-3 C-2 D-4  
(2) A-3 B-1 C-4 D-2  
(3) A-3 B-1 C-2 D-4  
(4) A-4 B-2 C-1 D-3  
(5) A-2 B-4 C-1 D-3
- Q.21.** Which film and television actor has been honoured with the prestigious Vishnudas Bhave award for his contribution to the theatre?  
(1) Mohan Joshi  
(2) Ankush Choudhary  
(3) Adinath Kothare  
(4) Swapnil Joshi  
(5) None of these
- Q.22.** Krishna Sobti, who was recently been conferred with the prestigious Jnanpith award 2017 belong to which among the following states?  
(1) Madhya Pradesh  
(2) Rajasthan  
(3) Maharashtra  
(4) Gujarat  
(5) None of these
- Q.23.** Sri Ranganathaswamy Temple has recently won UNESCO Asia Pacific Award of Merit 2017 for cultural heritage conservation programme. To which state does this temple belong?  
(1) Andhra Pradesh  
(2) Telangana  
(3) Tamilnadu  
(4) Karnataka  
(5) None of these
- Q.24.** Which UN body has been named as the recipient of Harmony Foundation's Mother Teresa Memorial Award for Social Justice 2017 for its exceptional work worldwide?  
(1) UNDP (2) WHO  
(3) IAEA (4) UNHCR  
(5) None of these
- Q.25.** Which among the following ministries confers National Entrepreneurship Awards 2017 to encourage a culture of entrepreneurship across the country.  
(1) Ministry of Commerce and Industry  
(2) Ministry of Skill Development & Entrepreneurship  
(3) Ministry of Micro, Small and Medium Enterprises  
(4) Ministry of Finance  
(5) None of these
- Q.26.** Identify the personality from the clues given below:  
(A) She was popularly known as Queen of Thumri.  
(B) She was the recipient of India's second highest civilian honour-Padma Vibhushan.  
(C) She was born in Varanasi to a Zamindar family.  
(D) She made her public debut in 1949 on All India Radio in Allahabad.  
Choose correct option:  
(1) Kishori Amonkar  
(2) Girija Devi  
(3) S. Janaki  
(4) Devaki Pandit  
(5) None of the above
- Q.27.** With which of the following fields Punathil Kunjabdulla was associated who passed away recently?  
(1) Journalism (2) Sports  
(3) Literature (4) Cinema  
(5) Photography
- Q.28.** To which city the noted author and Padma Shri awardee Manu Sharma was associated who died recently?  
(1) Indore (2) Nasik  
(3) Varanasi (4) Haridwar  
(5) None of these
- Q.29.** Consider the following statements:  
(A) Piped Natural Gas (PNG) was recently launched for the residents of Bhubaneswar.  
(B) This is a part of 'Pradhan Mantri Urja Ganga', which will pass through five states.

- (C) The five states include Chhattisgarh, Bihar, Jharkhand, Odisha and West Bengal.

Which of the statements given above is/are not true?

- (1) Only A (2) Only B  
(3) Only C (4) All A, B and C  
(5) None of these

**Q.30.** Which company is No. 1 Integrated Natural Gas company of India with a market share of over 75% in Natural Gas transmission?

- (1) GAIL (India) Limited  
(2) Indian Oil Corporation  
(3) Bharat Gas Limited  
(4) Hindustan Oil Exploration Company Ltd  
(5) None of these

**Q.31.** Who has won the 2017 Slovenian presidential election?

- (1) Borut Pahor (2) Andrej Sisko  
(3) Marjan Sarec (4) Boris Popovic  
(5) None of these

**Q.32.** Which of the following Indian states will jointly organize a security exercise 'Sagar Kavach' on coastline?

- (1) Assam and Odisha  
(2) Odisha and West Bengal  
(3) Karnataka and West Bengal  
(4) Karnataka and Kerala  
(5) None of these

**Q.33.** Which city to host Asian Bankers Association summit?

- (1) New Delhi (2) Kochi  
(3) Mumbai (4) Chennai  
(5) None of these

**Q.34.** Which country is hosting the 10th South Asia Economic Summit (SAES-2017)?

- (1) India (2) Sri Lanka  
(3) Pakistan (4) Nepal  
(5) None of these

**Q.35.** Which country is hosting the 7th Regional Economic Cooperation Conference on Afghanistan?

- (1) Turkmenistan  
(2) Afghanistan  
(3) Kazakhstan  
(4) Tajikistan  
(5) None of these

**Q.36.** Which country is the partner country at the 37th India International Trade Fair (IITF-2017)?

- (1) Kyrgyzstan (2) Vietnam  
(3) Japan (4) Malaysia  
(5) None of these

**Q.37.** Which state is hosting the India's first Tribal Entrepreneurship Summit-2017?

- (1) Chhattisgarh  
(2) Madhya Pradesh  
(3) Odisha  
(4) Rajasthan  
(5) None of these

**Q.38.** Consider the following statements:

- (A) Kohima village in Nagaland has been declared as the first non-iodised salt free village in Nagaland.  
(B) The declaration was made on the observance of Global Iodine Deficiency Disorder Prevention Day in the village.  
(C) Kohima is the largest village in Asia.

Which of the statements given above is/are false?

- (1) Only A (2) Only B  
(3) Only C (4) All A, B and C  
(5) None of these

**Q.39.** RO RO (Roll on, Roll off) Ferry Service has been launched recently between Dahej and \_\_\_\_\_.

- (1) Okha (2) Porbandar  
(3) Bhuj (4) Ghogha  
(5) None of these

**Q.40.** Which Indian cricket icon and Rajya Sabha member has sanctioned two crore rupees from his MPLADS fund to revamp rail foot overbridges in Mumbai?

- (1) Sachin Tendulkar  
(2) Navjot Singh Sidhu  
(3) Virendra Sehwag  
(4) Ravi Sastri  
(5) None of these

**Q.41.** India's first Pradhan Mantri Kaushal Kendra (PMKK) for Skilling in Smart Cities has been launched, in collaboration with which of the following Metro City Municipal Council?

- (1) Hyderabad (2) Bangluru  
(3) New Delhi (4) Gurugram  
(5) None of these

**Q.42.** Consider the following statements:

- (A) The Government has recently de-affiliated around 400 ITIs following quality inspections.  
(B) There are about 13000-odd industrial training institutes in the country.  
(C) ITIs, cater to 36 per cent of the 7 million people enrolled in various training programmes in India.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A, B and C  
(5) None of these

**Q.43.** Consider the following statements:

- (A) Indian Air Force carried out major landing operations on the Yamuna expressway recently.  
(B) IAF had carried out landings by fighter aircraft for the first time on the Lucknow-Agra Expressway.  
(C) Several countries including Pakistan have dedicated road stretches for aircrafts to land and take off in emergencies or war like events.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A, B and C  
(5) None of these

**Q.44.** With which of the following institutions, Government of India has signed a \$300 million loan to continue a series of fiscal reforms in the State of West Bengal to improve the quality of public service delivery?

- (1) NDB (2) ADB  
(3) IMF (4) IBRD  
(5) None of these

**Q.45.** Consider the following statements:

- (A) Ministries of Power and Textiles have joined hands under a new initiative SAATHI.

- (B) SAATHI stands for Sustainable and Accelerated Adoption of efficient Textile technologies to Help small Industries.

- (C) The SAATHI initiative of the Government will be jointly implemented by EESL and the office of the Textile Commissioner on a pan-India basis.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

Q.46. Consider the following statements:

- (A) The Union Government approved mega highway projects to build 100000 km of highways.

- (B) These projects will be completed over the next five years at a cost of Rs 7 lakh crore.

- (C) These projects include Bharatmala project which is the Third - largest highway project after National Highways Development Project (NHDP).

Which of the statements given above is/are false?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

Q.47. Which central University has recently got opened a Special Centre for Disaster Research in its campus?

- (1) Banaras Hindu University  
(2) Jawahar Lal Nehru University  
(3) Aligarh Muslim University  
(4) Indian Institute of Technology Roorkee  
(5) None of these

Q.48. Consider the following statements:

- (A) Coastal Berth Scheme is a flagship scheme under Golden Quadrilateral project.

- (B) The Coastal Berth Scheme aims to create infrastructure for movement of cargo and

passenger by sea or national waterways.

- (C) Jawaharlal Nehru Port has got Rs. 25 Cr and Karwar Port has got Rs. 50 Crore under this scheme.

Which of the statements given above is/are false?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

Q.49. Who has become the first Indian golfer to qualify for PGA Tour Championships?

- (1) Anirban Lahiri  
(2) Jeev Milkha Singh  
(3) Aditi Ashok  
(4) Jyoti Randhawa  
(5) None of these

Q.50. Which country has launched the world's first fully electric cargo ship?

- (1) China (2) South Korea  
(3) Malaysia (4) Singapore  
(5) None of these

Q.51. President Ramnath Kovind has launched JOHAR scheme in which state to double income of rural poor?

- (1) Chhattisgarh (2) Rajasthan  
(3) Gujarat (4) Jharkhand  
(5) None of these

Q.52. Who represented India at 'UN Peacekeeping Defence Ministerial: Vancouver 2017'?

- (1) Rituraj Singh  
(2) Subhash Bhamre  
(3) Dharamveer Prajapati  
(4) Neelam Reddy  
(5) None of these

Q.53. Which country has recently declared Yoga as sports activity?

- (1) Saudi Arabia  
(2) Iran  
(3) Israel  
(4) Turkmenistan  
(5) None of these

Q.54. Consider the following statements:

- (A) Indian Railways' first set of solar plants of 5 megawatt peak (MWp) was launched recently.

- (B) This project is a part of the Union government's National Solar Mission.

- (C) Under this project the Railways plans to commission around 1000 MWp solar plants on its network.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

Q.55. With which of the following institutions, Government of India has signed a \$65.5 Million Loan to support Coastal Protection in Karnataka?

- (1) IMF (2) ADB  
(3) NDB (4) IBRD  
(5) None of these

Q.56. Consider the following statements:

- (A) The first phase of the National Optic Fibre Network, is to be completed by December 2020.

- (B) The national optic fibre network project also known as India Internet project

- (C) The National Optic Fibre Network will provide internet access to around 100,000 gram panchayats.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

Q.57. Consider the following statements:

- (A) The First International Consumer Protection Conference was held in New Delhi.

- (B) The conference included the delegates from the South, South East and East Asian Countries.

- (C) The theme of the conference was "Empowering consumers in new markets".

Which of the statements given above is/are true?



- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.58.** What is the name of the portal recently launched by the Union Government to empower micro and small entrepreneurs (MSEs) across the country to directly register their cases related to delayed payments by Central Ministries, Departments, CPSEs or State Governments?

- (1) MSME Samadhaan  
(2) MSME Pahal  
(3) MSME Bhugtan  
(4) MSME Grievance  
(5) None of these

**Q.59.** Recently the birth anniversary of which freedom fighter was observed as Rashtriya Ekta Diwas which falls on 31st October?

- (1) Bal Gangadhar Tilak  
(2) Dada Bhai Nauroji  
(3) C. Rajgopalachari  
(4) Sardar Vallabhbhai Patel  
(5) None of these

**Q.60.** Consider the following statements:

- (A) The Border Roads Organisation (BRO) has constructed the world's highest motorable road in Ladakh.  
(B) The feat was achieved under 'Project Himalaya' of the BRO.  
(C) The road passes through Umlingla Top at a height of over 19,300 feet.

Which of the statements given above is / are false?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.61.** Consider the following statements:

- (A) World's highest bridge is located on the River Chenab.  
(B) The bridge lies in Reasi district of Himachal Pradesh.  
(C) The bridge forms the critical link in the 111-km stretch between Banihal and Katra.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) Both A and C  
(5) All A, B and C

**Q.62.** Consider the following statements:

- (A) The SPARSH scheme, will award annual 920 scholarships to children of Class VI to IX.  
(B) The amount of the Scholarship will be Rs 6000 per annum at the rate of Rs 500 per month.  
(C) The scheme will be implemented by Department of Railways.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.63.** What is the name of the online complaint Management System for women working in public and private organizations to lodge complaints of sexual harassment at workplace.

- (1) Female-Box (2) Women-Box  
(3) SHe-Box (4) TheSHe-Box  
(5) None of these

**Q.64.** Consider the following statements:

- (A) India and World Bank signed an agreement for USD 119 million loan for the OHEPEE Project.  
(B) OHEPEE Project is associated with the state of Odisha.  
(C) The project is expected to be completed by 30 November 2022.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.65.** Consider the following statements:

- (A) The UGC has approved the creation of National Testing Agency (NTA)

(B) The NTA will conduct entrance examinations for higher educational institutions.

(C) To start off, the NTA will be given a one-time grant of Rs. 50 Cr from the Union Government.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.66.** Consider the following statements:

- (A) The new tagline of Assam Tourism is "Awesome Assam".  
(B) Brand ambassador of Assam Tourism is Priyanka Chopra.  
(C) Under the new Tourism Policy, Tourism shall be accorded industry status in Assam.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.67.** Which state government has launched 'PG hostels for cattle' for people living in high-rise buildings in urban areas but want to rear their own cattle to get quality milk?

- (1) Uttar Pradesh  
(2) Madhya Pradesh  
(3) Maharashtra  
(4) Haryana  
(5) None of these

**Q.68.** Consider the following statements:

- (A) Meghalaya Election department has won an entry in Limca Book of Records.  
(B) Students formed a 75 feet by 120 feet size human logo that read Mission Unite- You 'N' Me.  
(C) The drive was conducted in July 2017 at the Jawaharlal Nehru Sports Complex in Shillong.

Which of the statements given above is/are false?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

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- Q.69.** Which High Court has recently banned the use of photographs or pictures of living persons on banners, flex boards and sign-boards across the state?
- (1) Allahabad High Court
  - (2) Rajasthan High Court
  - (3) Madras High Court
  - (4) Punjab and Haryana High Court
  - (5) None of these
- Q.70.** Which two places has been declared as sacred pilgrimage sites recently by the Uttar Pradesh government?
- (1) Varanasi and Sarnath
  - (2) Ayodhya and Sravasti
  - (3) Kushinagar and Sravasti
  - (4) Vrindavan and Barsana
  - (5) None of these
- Q.71.** What is the name of the scheme launched by Prime Minister with an objective of making high-quality medicines available to all at affordable prices?
- (1) The Pradhan Mantri Lok Chikitsa Pariyojana
  - (2) The Pradhan Mantri Jan Aushadhi Pariyojana
  - (3) The Pradhan Mantri Jan Upchar Pariyojana
  - (4) The Pradhan Mantri Lok Sahayata Pariyojana
  - (5) None of these
- Q.72.** Who has been appointed as the president of the 36th International Geological Congress (IGC – 2020)?
- (1) Vishwapati Trivedi
  - (2) Vijay Prasad Dimri
  - (3) M L Khan
  - (4) Krishna S Chaturvedi
  - (5) None of these
- Q.73.** Which Indian personality has been appointed as advisory board member of the Financial Stability Institute (FSI) of the BIS?
- (1) Raghuram Rajan
  - (2) Kaushik Basu
  - (3) Amartya Sen
  - (4) Urjit Patel
  - (5) None of these
- Q.74.** Who will be honoured with the Personality of the Year Award at the IFFI 2017?
- (1) Priyanka Chopra
  - (2) Amitabh Bachchan
  - (3) Rajinikanth
  - (4) Shahrukh Khan
  - (5) None of these
- Q.75.** The 2017 National Press Day (NPD) is celebrated on which date in India?
- (1) November 15
  - (2) November 17
  - (3) November 16
  - (4) November 14
  - (5) None of these
- Q.76.** The 2017 UN Climate Change Conference (COP23) was held in which country?
- (1) France
  - (2) United States
  - (3) India
  - (4) Germany
  - (5) None of these
- Q.77.** Moody's Investors Service has upgraded India's sovereign ratings from its lowest investment grade "Baa3" to \_\_\_\_\_?
- (1) AA-
  - (2) A+
  - (3) Baa2
  - (4) Baa1
  - (5) None of these
- Q.78.** Jagdish Mohan, the renowned Hindustani vocalist of Kirana Gharana passed away. He hailed from which state?
- (1) Uttarakhand
  - (2) Uttar Pradesh
  - (3) Madhya Pradesh
  - (4) Rajasthan
  - (5) None of these
- Q.79.** Who has been appointed the new chairman of Bombay Stock exchange (BSE)?
- (1) Sethurathnam Ravi
  - (2) S Ramadorai
  - (3) Prem Kumar
  - (4) Sudhakar Rao
  - (5) None of these
- Q.80.** Who has won a national championship crown at the 61st National Shooting Championship - 2017?
- (1) Shreyasi Singh
  - (2) Rajeshwari Kumari
  - (3) Shagun Chowdhary
  - (4) Soumya Gupta
  - (5) None of these
- Q.81.** Which state has recently got inaugurated its first Mother's Milk Bank by Union Minister of State for Health and Family Welfare?
- (1) Andhra Pradesh
  - (2) Maharashtra
  - (3) Telangana
  - (4) Odisha
  - (5) None of these
- Q.82.** Consider the following statements:
- (A) India and the World Bank has signed USD 200 million loan agreement for the Assam Agribusiness and Rural Transformation Project.
  - (B) The project will be implemented in over 16 Districts of Assam.
  - (C) It will benefit over 500000 farming households and at least 30 per cent women participation.
- Which of the statements given above is/are true?
- (1) Only A
  - (2) Only B
  - (3) Only C
  - (4) All A,B and C
  - (5) None of these
- Q.83.** Consider the following statements:
- (A) Majuli is the largest river island of India.
  - (B) Thirty cycles painted in orange will be launched as part of the carbon-free travel experience at Majuli.
  - (C) The objective behind the project is to create an environmental protocol for tourism industry in the island.
- Which of the statements given above is/are true?
- (1) Only A
  - (2) Only B
  - (3) Only C
  - (4) All A,B and C
  - (5) None of these
- Q.84.** Which state government has announced a lifetime monthly pension of Rs 10,000 for 'Hindi Satyagrahis' and those from the state who were jailed during the Emergency?
- (1) Madhya Pradesh
  - (2) Rajasthan
  - (3) Haryana
  - (4) Punjab
  - (5) None of these

**Q.85.** Consider the following statements:

- (A) Odisha has imposed a seven-month ban on sea fishing activity.
- (B) This will protect the Olive Ridley sea turtles.
- (C) The coast of Odisha is the largest mass nesting site for the Olive Ridley turtles.

Which of the statements given above is/are true?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.86.** Which state government has signed a trilateral memorandum of understanding (MoU) to host the Nobel Prize Series - India event during 1-28 February 2018?

- (1) Goa (2) Kerala
- (3) Karnataka (4) Telangana
- (5) None of these

**Q.87.** Consider the following statements:

- (A) Sri Lanka Coast Guard has commissioned its largest Offshore Patrol Vessel (OPV), CG 60.
- (B) This ship has been provided by Indian coast guard last month as ship 'Suraksha'.
- (C) This warship was built by Goa shipyard Ltd.

Which of the statements given above is/are true?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.88.** Consider the following statements:

- (A) The 2nd World Congress on Marxism will be held in Peking University in Beijing in May 2018.
- (B) The theme of 2nd World Congress is "Marxism and the current world and China".
- (C) The congress coincides with the 100th anniversary of Karl Marx's birth and 40th anniversary of China's reform and opening-up.

Which of the statements given above is/are false?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.89.** Which United Nation's body has removed Zimbabwe President Robert Mugabe as its Goodwill Ambassador in Africa?

- (1) UNDP (2) WHO
- (3) UNESCO (4) UNHRC
- (5) None of these

**Q.90.** Consider the following statements:

- (A) Nicaragua has recently signed the Paris Agreement on climate change.
- (B) United States has withdrawn from the landmark 2015 Paris agreement to fight climate change.
- (C) Besides United States, Israel also has not signed to this global climate pact.

Which of the statements given above is/are false?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.91.** Consider the following statements:

- (A) Qatar has recently introduced minimum wage for workers.
- (B) Riyadh is the capital city of Qatar.
- (C) Qatar introduced the Wage Protection System in February 2015 to pay to workers fortnightly or monthly through electronic mode.

Which of the statements given above is/are false?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.92.** Consider the following statements:

- (A) India has been ranked 75th in the Global Passport Power Rank 2017.
- (B) Singapore has topped the list with a score of 159 in visa free category.

(C) This is the third time when an Asian nation got the most powerful passport in the world.

Which of the statements given above is/are false?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.93.** Consider the following statements:

- (A) India has signed an MoU with Sri Lanka to build 1200 houses in Hambantota.
- (B) Hambantota is a northern port city of Sri Lanka.
- (C) The houses will be constructed using Indian grant assistance of Rs 100 million.

Which of the statements given above is/are true?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.94.** Consider the following statements:

- (A) India will host the next CMS Conference of the Parties 13 (CMS COP13) in the year 2018.
- (B) CMS COP12 was held during October 2017 in Jakarta, Indonesia.
- (C) CMS stands for Conservation of Migratory Species of Wild Animals.

Which of the statements given above is/are true?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.95.** From which year, Saudi Arabia has announced to allow Saudi women to attend sports events in stadiums?

- (1) 2018 (2) 2019
- (3) 2020 (4) 2021
- (5) None of these

**Q.96.** Consider the following statements:

- (A) India and Tunisia has proposed to enhance bilateral trade to USD 1 billion in the next five years.



(B) Tunisia announced to become a partner country in the International Solar Alliance.

(C) The countries also agreed to set up two new Joint Working Groups on Trade and Agriculture.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.97.** With which country India has signed six MoUs recently to boost cooperation in various important sectors including energy and trade and railways?

- (1) Indonesia (2) Germany  
(3) Italy (4) France  
(5) None of these

**Q.98.** Consider the following statements:

(A) Guinea is the 15th country to ratify the International Solar Alliance (ISA) Framework agreement.

(B) With the ratification of ISA pact by 15 countries, ISA will now be an international legal body.

(C) The ISA framework agreement shall enter into force from 1st April 2018.

Which of the statements given above is/are false?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.99.** India and Philippines have signed an MoU on which of the following fields?

- (1) science and technology  
(2) agriculture  
(3) art and culture  
(4) railways and defense  
(5) None of these

**Q.100.** Consider the following statements:

(A) India for the first time has been elected as the member of UNESCO's executive board.

(B) The General Conference is the top decision-making body of UNESCO.

(C) The election was held at the 39th session of the General Conference of the UNESCO in Paris.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.101.** What is the name of the form in which the GST payers have to file their return on the GST Portal?

- (1) GSTR-2A (2) GSTR-2B  
(3) GSTR-3A (4) GSTR-3B  
(5) None of these

**Q.102.** Which detail is required to be provided by the tax-payers for the chat facility launched by Income Tax Department on its portal so that they can enter the chat room and ask questions as a guest?

- (1) PAN No.  
(2) Registered Phone No.  
(3) e-mail ID  
(4) Aadhar No.  
(5) None of these

**Q.103.** Consider the following statements:

(A) The Prevention of Money Laundering Act (PMLA) aims at combating black money generation and money laundering in India.

(B) Aadhaar and other official documents mandatorily be checked for opening a bank account as well as for any financial transaction of Rs 50,000 and above.

(C) Sale and purchase of immovable property worth Rs. Fifty lakh rupees or more has not been covered under this new rules.

Which of the statements given above is/are true?

- (1) Only A and B  
(2) Only B and C  
(3) Only A and C  
(4) All A, B and C  
(5) None of these

**Q.104.** Which country hosted the 4th Global Conference on Sustained Eradication of Child Labour?

- (1) Germany (2) South Africa  
(3) New Zealand (4) Argentina  
(5) None of these

**Q.105.** Which web portal has been launched by the Union Government for monitoring universal household electrification?

- (1) MyGaav (2) Sangam  
(3) Saubhagya (4) SmartNet  
(5) None of these

**Q.106.** The Madhya Pradesh Govt has partnered with which states under "Ek Bharat-Shreshtha Bharat" scheme to strengthen cultural relations between them?

- (1) Mizoram and Tripura  
(2) Nagaland and Manipur  
(3) Assam and Uttarakhand  
(4) Kerala and Andhra Pradesh  
(5) None of these

**Q.107.** Patanjali group has signed a MoU with which state government for setting up a food park in the state?

- (1) Madhya Pradesh  
(2) Jharkhand  
(3) Kerala  
(4) Telangana  
(5) None of these

**Q.108.** Who has been appointed as the new ambassador of World Packaging Organisation (WPO)?

- (1) Kirti S Azad  
(2) Rubal Gupta  
(3) Trilok Srivastav  
(4) Chakravarthi AVPS  
(5) None of these

**Q.109.** Which country to host the 2023 Rugby World Cup?

- (1) France (2) Japan  
(3) South Africa (4) Ireland  
(5) None of these

**Q.110.** Sergio Ramirez has won the 2017 Cervantes Prize. He hails from which country?

- (1) Spain (2) Mexico  
(3) Chile (4) Nicaragua  
(5) None of these

**Q.111.** Sushil Kumar has won gold in which category at the 2017 National Wrestling championship?

- (1) 86kg (2) 74kg
- (3) 68kg (4) 57kg
- (5) None of these

**Q.112.** Consider the following statements:

- (A) The SEBI has constituted a 10-member 'High Level Task Force on Public Credit Registry (PCR) for India'.
- (B) The task force will be headed by YM Deosthalee.
- (C) The task force will be required to submit its report on 4 April 2018.

Which of the statements given above is/are true?

- (1) Only A and B
- (2) Only B and C
- (3) Only A and C
- (4) All A, B and C
- (5) None of these

**Q.113.** Which body is responsible for making recommendations to CCEA for fixing minimum support price (MSP) of crops?

- (1) Committee for Agricultural Costs and Prices
- (2) Agricultural Costs and Prices Committee
- (3) Commission for Agricultural Costs and Prices
- (4) Commission for Agricultural Costs and Products
- (5) None of these

**Q.114.** Consider the following statements:

- (A) Government has approved a Rs 2.11 lakh crore Recapitalization Plan for Public Sector Banks.
- (B) 70 per cent recapitalisation will be done through bonds.
- (C) Rs 76000 crore will be provided through budgetary support and market raising.

Which of the statements given above is/are true?

- (1) Only A (2) Only B

- (3) Only C (4) All A,B and C
- (5) None of these

**Q.115.** Consider the following statements:

- (A) India has imposed anti-dumping duty on certain stainless steel products recently.
- (B) Countries in this list include China, Taiwan, South Korea, South Africa, Thailand, the United States and the European Union.
- (C) The anti-dumping duty will be in effect until 10 December 2018.

Which of the statements given above is/are false?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.116.** What does the 'F' stands for in PFMS which was recently launched by the Union Government for tracking and monitoring various government schemes?

- (1) Fund (2) Finance
- (3) Flow (4) Fiscal
- (5) None of these

**Q.117.** Consider the following statements:

- (A) Doing Business Report is published by IMF every year.
- (B) The title of Doing Business (DB) Report 2018 is 'Doing Business 2018: Reforming to Create Jobs'.
- (C) India jumped 30 ranks this year to attain 100th spot in the ease of doing business list.

Which of the statements given above is/are false?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.118.** Who is the head of the committee to oversee the merger proposals of 21 state-owned PSU Banks?

- (1) Piyush Goyal
- (2) Nirmala Sitharaman
- (3) Urjit Patel
- (4) Arun Jaitley
- (5) None of these

**Q.119.** For what amount outstanding claim payment to fertilizer companies during 2016-17 the government has approved the implementation of Special Banking Arrangement (SBA)?

- (1) Rs. 300 Crore
- (2) Rs. 500 Crore
- (3) Rs. 700 Crore
- (4) Rs. 1000 Crore
- (5) None of these

**Q.120.** With which organization the Haryana state government has signed an MoU to set up a logistics and trading hub in the state?

- (1) Modules (2) Verbind
- (3) L&T (4) ITC
- (5) None of these

**Q.121.** Consider the following statements:

- (A) GST council has reduced the list of items attracting 28 per cent GST to 50.
- (B) These 177 items will now attract 14 per cent GST.
- (C) This decision will have a revenue implication of Rs. 20000 crore annually.

Which of the statements given above is/are false?

- (1) Only A (2) Only B
- (3) Only C (4) All A,B and C
- (5) None of these

**Q.122.** Consider the following statements:

- (A) India will be world's third-largest economy, overtaking Japan in nominal GDP by 2028.
- (B) This projection has been made in 'India 2028' by Bank of America Merrill Lynch.
- (C) India is the second largest BRICS economy after Russia.

Which of the statements given above is/are true?

- (1) Only A and B
- (2) Only B and C
- (3) Only B
- (4) All A, B and C
- (5) None of these

**Q.123.** Consider the following statements:

- (A) Kidambi Srikanth has become the first Indian to clinch four Super Series in a year.
- (B) Saina Nehwal has won four Super Series in 2010.
- (C) Srikanth is the only Indian to win back-to-back titles in a season.

Which of the statements given above is/are false?

- (1) Only A      (2) Only B
- (3) Only C      (4) All A,B and C
- (5) None of these

**Q.124.** Consider the following statements:

- (A) India defeated Pakistan with 2-1 in the final to clinch Asia Cup in Dhaka.
- (B) It last clinched the trophy in 2007 in Chennai.
- (C) India has been ranked 2 in World Hockey.

Which of the statements given above is/are true?

- (1) Only A      (2) Only B
- (3) Only C      (4) All A,B and C
- (5) None of these

**Q.125.** Consider the following statements:

- (A) New Delhi hosted the ISSF World Cup Finals for the first time in 2017.
- (B) The ISSF head-quarters is located in Munich, Germany.
- (C) The International Shooting Sport Federation was founded in 1907 and got its present name in 1998.

Which of the statements given above is/are true?

- (1) Only A      (2) Only B
- (3) Only C      (4) All A,B and C
- (5) None of these

**Q.126.** Who among the following has won gold in mixed team event, for the first time at an ISSF World Cup during 2017?

- (1) Chain Singh and Rahi Sarnobat
- (2) Jitu Rai and Heena Sidhu
- (3) Jaspal Rana and Heena Sidhu

- (4) Jitu Rai and Saniya Shaikh
- (5) None of these

**Q.127.** Against which team Virat Kohli achieved the feat of fastest 9000 ODI runs and became the sixth Indian to complete 9000 ODI runs in a final match played in Kanpur?

- (1) England      (2) South Africa
- (3) New Zealand      (4) Sri Lanka
- (5) None of these

**Q.128.** Consider the following statements:

- (A) Indian women's hockey team has beaten China from 5-4 to win the Asia Cup 2017 title.
- (B) The final was held in Guangzhou, China.
- (C) With the victory, Team India has secured a berth for itself at the 2020 Hockey World Cup.

Which of the statements given above is/are true?

- (1) Only A      (2) Only B
- (3) Only C      (4) All A,B and C
- (5) None of these

**Q.129.** Consider the following statements:

- (A) MC Mary Kom has won Gold at the Asian Boxing Championship 2017.
- (B) This was her fifth medal in the Asian Boxing Championship.
- (C) Mary has won three gold and a silver in the Asian Boxing Championship.

Which of the statements given above is/are false?

- (1) Only A      (2) Only B
- (3) Only C      (4) All A,B and C
- (5) None of these

**Q.130.** Consider the following statements:

- (A) 82nd Senior National Championship, was held in Pune, Maharashtra.
- (B) H S Prannoy and Saina Nahwal were the winners of the 82nd National Championship.
- (C) Satwik Sai Raj R and Ashwini Ponnappa clinch the mixed doubles title.

Which of the statements given above is/are false?

- (1) Only A      (2) Only B
- (3) Only C      (4) All A,B and C
- (5) None of these

**Q.131.** Pankaj Advani has won his 17th world title after thrashing his arch-rival Mike Russell of \_\_\_\_ to defend the 150-up format title which he won in Bengaluru last year.

- (1) USA      (2) Japan
- (3) England      (4) Israel
- (5) None of these

**Q.132.** Consider the following statements:

- (A) Lake Baikal, is the world's third deepest lake.
- (B) The Lake holds one-third of the world's unfrozen fresh water.
- (C) It has been listed as a World Heritage Site by UNESCO.

Which of the statements given above is/are true?

- (1) Only A      (2) Only B
- (3) Only C      (4) All A,B and C
- (5) None of these

**Q.133.** What is the name of the fish endemic to Lake Baikal, which was in news recently for facing gravest crisis?

- (1) Trout      (2) Omul
- (3) Char      (4) Grayling
- (5) None of these

**Q.134.** Consider the following statements:

- (A) NASA has extended its Dawn mission at Ceres until its hydrazine fuel runs out
- (B) Ceres is a dwarf planet.
- (C) Ceres is the largest object in the asteroid belt between Mars and Jupiter.

Which of the statements given above is/are true?

- (1) Only A      (2) Only B
- (3) Only C      (4) All A,B and C
- (5) None of these

**Q.135.** Consider the following statements:

- (A) Dawn Mission is a space probe that was launched by NASA in September 2007.



(B) It aimed to study two known protoplanets of the asteroid belt, Vesta and the dwarf planet, Ceres.

(C) Dawn is the first-ever spacecraft to visit either Vesta or Ceres.

Which of the statements given above is/are false?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.136.** Match the List-I with List-II:

List-I	List-II
(A) Cassini- Huygens	1. Jupiter
(B) New Horizon	2. Pluto
(C) JUNO	3. Mars
(D) Curiosity Rover	4. Saturn

Choose the correct answer from the choices given below:

- (1) A-1 B-3 C-2 D-4  
(2) A-3 B-1 C-4 D-2  
(3) A-3 B-1 C-2 D-4  
(4) A-4 B-2 C-1 D-3  
(5) A-2 B-4 C-1 D-3

**Q.137.** Match the List-I with List-II:

List-I	List-II
(A) Mars Orbiter Mission	1. 2011
(B) JUNO	2. 1997
(C) New Horizon	3. 2013
(D) Cassini- Huygens	4. 2006

Choose the correct answer from the choices given below:

- (1) A-1 B-3 C-2 D-4  
(2) A-3 B-1 C-4 D-2  
(3) A-3 B-1 C-2 D-4  
(4) A-4 B-2 C-1 D-3  
(5) A-2 B-4 C-1 D-3

**Q.138.** Atom Egoyan will be honoured with the lifetime achievement award at the International Film Festival of India (IFFI 2017). He hails from which country?

- (1) Canada (2) Morocco  
(3) New Zealand (4) China  
(5) None of these

**Q.139.** Priya Ranjan Dasmunsi, who passed away recently, was associated with which political party?

- (1) Nationalist Congress Party  
(2) Indian National Congress  
(3) Communist Party of India  
(4) All India Trinamool Congress  
(5) None of these

**Q.140.** Who is the author of the book "Age of Anger: A History of the Present"?

- (1) Milan Vaishnav  
(2) Nabaneeta Dev Sen  
(3) Shashi Tharoor  
(4) Pankaj Mishra  
(5) None of these

**Q.141.** Who will be honoured with the 2017 Indira Gandhi Prize for Peace, Disarmament and Development?

- (1) Raghuram Rajan  
(2) Mamata Banerjee  
(3) Manmohan Singh  
(4) Pranab Mukherjee  
(5) None of these

**Q.142.** Manushi Chhillar has won the coveted 'Miss World 2017' title. She hails from which state?

- (1) Tamil Nadu (2) Karnataka  
(3) Haryana (4) Odisha  
(5) None of these

**Q.143.** What is the theme of the 2017 World Toilet Day (WTD)?

- (1) Wastewater  
(2) Toilets and Nutrition  
(3) Follow the Flush  
(4) Toilets and jobs  
(5) None of these

**Q.144.** Which country hosted the 42nd International Congress of Military Medicine (ICMM-2017)?

- (1) Japan (2) India  
(3) France (4) Ireland  
(5) None of these

**Q.145.** Which city is hosting the 2017 Women's Youth World Boxing Championship (YWBC)?

- (1) New Delhi (2) Pune  
(3) Kochi (4) Guwahati  
(5) None of these

**Q.146.** Which country's cricket team has clinched the 2017 ACC Under-19 Asia Cup tournament?

- (1) Malaysia (2) Pakistan  
(3) India (4) Afghanistan  
(5) None of these

**Q.147.** Jana Novotna, the former Wimbledon tennis champion passed away. She hails from which country?

- (1) Czech Republic  
(2) France  
(3) Italy  
(4) Germany  
(5) None of these

**Q.148.** Consider the following statements:

- (A) Chandrayaan-1, was launched successfully on 22 October 2008.  
(B) Chandrayaan-2, has been proposed to be launched during first quarter of 2018.  
(C) The 38th Asian Conference on Remote Sensing (ACRS-2017) was held at New Delhi, India.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

**Q.149.** According to a report by The Lancet Commission on pollution and health, which country has reported highest premature deaths linked to pollution worldwide during 2015?

- (1) Brazil (2) South Africa  
(3) India (4) China  
(5) None of these

**Q.150.** Who among the following has been named as UK's most influential black person of the year?

- (1) Ismail Ahmed  
(2) Gina Miller  
(3) Jacky Wright  
(4) Nira Chamberlain  
(5) None of these

**Q.151.** Consider the following statements:

- (A) 70 Indian words has recently been added in September Edition of the Oxford English Dictionary.  
(B) The Dictionary (OED) publishes four updates

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every year in March, June, September, and December.

- (C) The dictionary added over 1000 new words in its September edition.

Which of the statements given above is/are true?

- (1) Only A (2) Only B  
(3) Only C (4) All A,B and C  
(5) None of these

- Q.152. Which rebellion has to be known as the 'First War of Independence' in the history books of students from the next academic session onwards?

- (1) Paik Rebellion  
(2) Munda Rebellion  
(3) Sepoy Mutiny  
(4) Santhal Mutiny  
(5) None of these

- Q.153. Who among the following has been named as the richest person of Asia?

- (1) Azim Premji  
(2) Lakshmi Mittal  
(3) Dilip Shanghavi  
(4) Mukesh Ambani  
(5) None of these

- Q.154. Which word has been named as word of the year 2017?

- (1) Fake news (2) Brexit  
(3) Trumpism (4) Sharenting  
(5) None of these

- Q.155. Which city municipal corporation has won Best City Bus Services Award by the Union Ministry of Housing and Urban Affairs?

- (1) Vadodara (2) Ahmedabad  
(3) Pune (4) Surat  
(5) None of these

- Q.156. Which Indian city has been included in the UNESCO Creative Cities Network for its rich musical tradition recently, becoming third Indian city to be included in the list?

- (1) Jaipur (2) Varanasi  
(3) Chennai (4) Nasik  
(5) None of these

- Q.157. What is the name of the tool which is considered to be the world's oldest navigational tool discovered by David Mearns on a shipwreck off the coast of Oman in 2014?

- (1) Sextant  
(2) Pendulum Clock

- (3) Chronometer  
(4) Astrolabe  
(5) None of these

- Q.158. From which region, the researchers from India and Germany have discovered a 152 million-year-old fossil of an ichthyosaur inside rocks from the Mesozoic Era?

- (1) Khambhat Region  
(2) Mannar Region  
(3) Kutch Region  
(4) Thar Region  
(5) None of these

- Q.159. Scientists from which country, have succeeded in generating the world's shortest laser pulse with a duration of only 43 attoseconds?

- (1) Germany (2) Switzerland  
(3) France (4) Italy  
(5) None of these

- Q.160. What is the name of first fully indigenous Glide bomb tested by India recently in Chandipur in Odisha?

- (1) Fritz (2) Garudaa  
(3) SAAW (4) Garuthmaa  
(5) None of these

## ANSWER KEY

Q.1.(4)	Q.2.(1)	Q.3.(2)	Q.4.(3)	Q.5.(2)	Q.6.(2)	Q.7.(3)	Q.8.(2)	Q.9.(4)	Q.10.(4)
Q.11.(3)	Q.12.(1)	Q.13.(2)	Q.14.(3)	Q.15.(3)	Q.16.(4)	Q.17.(4)	Q.18.(3)	Q.19.(2)	Q.20.(2)
Q.21.(1)	Q.22.(4)	Q.23.(3)	Q.24.(4)	Q.25.(2)	Q.26.(2)	Q.27.(3)	Q.28.(3)	Q.29.(3)	Q.30.(1)
Q.31.(1)	Q.32.(2)	Q.33.(3)	Q.34.(4)	Q.35.(1)	Q.36.(2)	Q.37.(1)	Q.38.(3)	Q.39.(4)	Q.40.(1)
Q.41.(3)	Q.42.(4)	Q.43.(3)	Q.44.(2)	Q.45.(4)	Q.46.(2)	Q.47.(2)	Q.48.(1)	Q.49.(3)	Q.50.(1)
Q.51.(4)	Q.52.(2)	Q.53.(1)	Q.54.(4)	Q.55.(2)	Q.56.(3)	Q.57.(4)	Q.58.(1)	Q.59.(4)	Q.60.(2)
Q.61.(4)	Q.62.(3)	Q.63.(3)	Q.64.(4)	Q.65.(2)	Q.66.(4)	Q.67.(4)	Q.68.(2)	Q.69.(3)	Q.70.(4)
Q.71.(2)	Q.72.(2)	Q.73.(4)	Q.74.(2)	Q.75.(3)	Q.76.(4)	Q.77.(3)	Q.78.(1)	Q.79.(1)	Q.80.(3)
Q.81.(3)	Q.82.(4)	Q.83.(4)	Q.84.(3)	Q.85.(4)	Q.86.(1)	Q.87.(4)	Q.88.(3)	Q.89.(2)	Q.90.(3)
Q.91.(2)	Q.92.(3)	Q.93.(1)	Q.94.(3)	Q.95.(1)	Q.96.(4)	Q.97.(3)	Q.98.(3)	Q.99.(2)	Q.100.(3)
Q.101.(4)	Q.102.(3)	Q.103.(1)	Q.104.(4)	Q.105.(3)	Q.106.(2)	Q.107.(4)	Q.108.(4)	Q.109.(1)	Q.110.(4)
Q.111.(2)	Q.112.(2)	Q.113.(3)	Q.114.(4)	Q.115.(3)	Q.116.(2)	Q.117.(1)	Q.118.(4)	Q.119.(4)	Q.120.(2)
Q.121.(2)	Q.122.(1)	Q.123.(2)	Q.124.(3)	Q.125.(4)	Q.126.(2)	Q.127.(3)	Q.128.(1)	Q.129.(3)	Q.130.(1)
Q.131.(3)	Q.132.(3)	Q.133.(2)	Q.134.(4)	Q.135.(5)	Q.136.(4)	Q.137.(2)	Q.138.(1)	Q.139.(2)	Q.140.(4)
Q.141.(3)	Q.142.(3)	Q.143.(1)	Q.144.(2)	Q.145.(4)	Q.146.(4)	Q.147.(1)	Q.148.(4)	Q.149.(3)	Q.150.(2)
Q.151.(4)	Q.152.(1)	Q.153.(4)	Q.154.(1)	Q.155.(4)	Q.156.(3)	Q.157.(4)	Q.158.(3)	Q.159.(2)	Q.160.(3)

## ENGLISH LANGUAGE

**Q.1-10.** Read the following passage carefully and answer the questions given below it. Certain words have been printed in bold to help you locate them while answering some questions.

Since the dawn of the industrial age, humans have been pumping increasing amounts of carbon dioxide into the atmosphere by burning coal, oil and gas. Researchers at the Mauna Loa Observatory, perched on the side of a volcano on Hawaii's Big Island, have measured atmospheric levels of this greenhouse gas since 1958. That first year, carbon dioxide averaged 316 parts per million. In May, it reached 410 p.p.m. — an amount never before experienced in the history of our species. This atmospheric carbon dioxide — as well as other heat-trapping gases and other air pollutants emitted by humans — is affecting our planet profoundly.

Recent observations and investment in modeling and research have only strengthened the quality and amount of evidence collected. As the report documents, each of the last three years has successively been the warmest on record based on observational data going back to the late 19th century, and 16 of the last 17 years have been among the 17 warmest years on record globally. Global sea level has risen by about 7 to 8 inches since 1900, with nearly half this rise occurring since 1993. A substantial component of the rise, which is accelerating the increased frequency of disruptive "nuisance" flooding in dozens of coastal American cities, is because of human activity. At the same time, the area of ocean covered by Arctic sea ice in September has decreased by about 50 percent, while its volume has decreased even more dramatically as the remaining ice thins.

The report also highlights growing reasons for concern. For example, ocean acidification, which occurs when atmospheric carbon dioxide is absorbed by seawater, is taking place at what is thought to be the fastest rate in at least 66 million years. Coupled with reductions in oxygen content in near-coastal American waters, this poses a significant threat to coastal fisheries and ecosystems. Much of the western United States is facing a growing threat of more severe drought and larger wildfires as higher temperatures, reduced snow pack and earlier spring snow melt reduce water availability during the warm season.

To stabilize global temperature, net carbon dioxide emissions must be reduced to zero. The window of time is rapidly closing to reduce emissions and limit warming to no more than 3.6 degrees Fahrenheit or 2 degrees Celsius above preindustrial levels, the goal set in the Paris climate accord. The further we push the climate system beyond historical conditions, the greater the risks of potentially unforeseen and even

catastrophic changes to the climate — so every reduction in emissions helps.

While climate models incorporate many important processes, they cannot include all aspects of the climate system and all of the possible interactions within that system. Vicious cycles between these climate components may push the Earth into states much different from the past: for example, one with a much smaller West Antarctic Ice Sheet and much higher sea level, or one without coral reefs and with greatly reduced marine biodiversity. Surprises can also come from compound extreme events like droughts, floods, heat waves, hurricanes and wildfires that may occur in multiple places at the same time, or sequentially in one place. What is clear is that, even though we cannot quantify all of the possible changes to every element of the climate system, the risks to things we care about — from the health of our children, to the future economic **viability** of our low-lying coastal cities and infrastructure — are real and growing.

And yet, there is also reason for optimism. The report documents how global carbon emissions may be leveling out, despite continued global economic growth. News reports in just this past year show how the cost of clean energy sources such as wind and solar have decreased dramatically both here and in **emerging** economies such as China, India and even the Middle East, sending powerful signals to long-term investors and businesses about which way things are **trending**. And more and more businesses, whether by choice or in response to investor demand, are asking: What risks do we face, if we do not plan for a changing climate? All humans share this planet. We depend on it for the food we eat, the water we drink, the air we breathe, the natural resources it provides and the places where we live. For that reason, all Americans need to understand the risks we face, and the **impact** our choices will have on our future.

**Q.1.** What kind of surprises can also come from compound extreme events?

- (1) droughts                      (2) floods
- (3) heat waves                  (4) hurricanes and wildfires
- (5) All 1,2,3 and 4

**Q.2.** What should be done to stabilize global temperature?

- (1) net carbon dioxide emissions must be exaggerated
- (2) net carbon dioxide emissions must be enhanced.
- (3) net carbon dioxide emissions are unforeseen.
- (4) net carbon dioxide emissions must be reduced to zero.
- (5) net carbon dioxide emissions must be reduced to optimum level.



**Q.3.** Why is the substantive rise accelerating the increased frequency of disruptive "nuisance" flooding in dozens of coastal American cities?

- A. because of human activity.
- B. because of technical activity.
- C. because of robotic activity.

(1) Both A and B (2) Only A (3) Both B and C  
(4) Only C (5) All A, B and C

**Q.4.** When does ocean acidification occur as per the passage mentioned above?

- A. when atmospheric carbon dioxide is absorbed by water.
- B. when atmospheric oxygen is absorbed by seawater.
- C. when atmospheric carbon dioxide is absorbed by seawater.

(1) Both A and B (2) Only A (3) Both B and C  
(4) Only C (5) All A, B and C

**Q.5.** Why is much of the western United States facing a growing threat of more severe drought and larger wildfires?

- A. higher temperatures
- B. reduced snow pack
- C. earlier spring snow melt reduce water availability during the warm season.

(1) Both A and B (2) Only A (3) Both B and C  
(4) Only C (5) All A, B and C

**Q.6.** Which of the following can not be chosen as the most suitable title of the passage mentioned above?

- (1) The climate risks we face
- (2) Encountering the Climatic risks
- (3) An outstanding example of federal science
- (4) What kind of climate risks we face
- (5) How to tackle the climatic risks

**Q.7-8.** Choose the word which is most nearly the **OPPOSITE** in meaning as the word printed in bold as used in the passage.

**Q.7. VIABILITY**

- (1) Dialect (2) Spirit (3) Vehemence
- (4) Forthwith (5) Cynic

**Q.8. TRENDING**

- (1) Giving (2) Urging (3) Lying
- (4) Approaching (5) Creating

**Q.9-10.** Choose the word which is most nearly the **SAME** in meaning as the word printed in bold as used in the passage.

**Q.9. EMERGING**

- (1) Appearing (2) Lowering (3) Tagging

- (4) Intact (5) Devour

**Q.10. IMPACT**

- (1) Choice (2) Influence (3) Joy
- (4) Authenticity (5) Enervation

**Q.11-18.** Read each part of the sentence to find out if there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, mark your answer as (5).

**Q.11.** I very take seriously any barriers that (1)/ could prevent future aspiring(2)/ families like mine, from coming to (3)/ Peru for a better life.(4)/ No Error (5)

**Q.12.** Canadian experience is typically achieved by (1)/ working and/or studying in Canada for a (2)/ specific amount of time on a (3)/ valid temporary resident permit.(4)/ No Error (5)

**Q.13.** The documents shared with some media outlets (1)/ by US-based International Consortium of Investigative Journalists (2)/ has exposed tactics the wealthy and (3)/ powerful have used to avoid taxes.(4)/ No Error (5)

**Q.14.** They could outright refuse your application (1)/ or, in the event that they do have (2)/ to contact you, this will mean significant (3)/ delays for your applicable.(4)/ No Error (5)

**Q.15.** The company currently faces an EU (1)/ demand for some \$1(4)5 billion in taxes based (2)/ on a ruling that they tax structure (3)/ in Ireland amounted to illegal state aid.(4)/ No error (5)

**Q.16.** Pakistan's ousted Prime Minister returned home (1)/ from London to face trial before a anti-graft court(2)/ in the corruption cases spiralling (3)/ from the Panama Papers scandal.(4)/ No Error (5)

**Q.17.** The US President demanded death penalty (1)/ for Uzbek immigrant after he killed (2)/ eight people in a truck (3)/ attack in New York. (4)/ No Error (5)

**Q.18.** The New York terrorist attack suspect (1)/ would be consider as an enemy combatant,(2)/ the White House said, signalling a possible detention (3)/ for him without access to normal rights. (4)/ No Error (5)

**Q.19-25.** In the following passage there are blanks each of which has been numbered as well as filled with a word which may be appropriate in context of the passage or maybe not. If the word highlighted is incorrect and needs improvement then choose any one option suggested given below. But if the given word is correct and requires no change then mark (5) i.e. no change required as your answer.

Donald Trump has not proved himself to be much of a talent scout; as president he has tended to pick far-right zealots, inept toadies, conflicted swamp dwellers and unqualified family members for top jobs. So it is a relief that he picked a

**levelheaded** \_\_\_\_\_ (19) and competent person to lead the Federal Reserve, whose authority to direct interest rates and supervise banks gives it **null** \_\_\_\_\_ (20) influence over the economy.

By choosing Jerome Powell, a Republican respected across the political spectrum, the US president has opted for continuity and stability, rather than **execution** \_\_\_\_\_ (21) and destruction. Mr. Powell has been a solid member of the Fed board since 2012 and has supported its current chairwoman, Janet Yellen, and her predecessor, Ben Bernanke, as they worked to **generate** \_\_\_\_\_ (22) the economy.

Mr. Powell appears to share Ms. Yellen's view that while the economy has improved a lot in recent years, the time is not right for the Fed to raise interest rates rapidly and substantially. He is a far better **rated** \_\_\_\_\_ (23) than other candidates Mr. Trump was said to be considering. They included critics of the Fed who claimed in the wake of the 2008 crisis that the central bank was sowing the seeds for out-of-control inflation. Other potential nominees have advocated for the deregulation of banks, which could **imperil** \_\_\_\_\_ (24) the financial system.

That said, Mr. Trump would have made a much better decision had he offered Ms. Yellen a second term, in keeping with a tradition in which presidents have reappointed Fed leaders who were seen to be doing a good job, regardless of party affiliation. As Mr. Trump noted himself, Ms. Yellen has done a terrific job during a **finite** \_\_\_\_\_ (25) time. Under her watch, unemployment fell to (4) 1 percent last month, from 6.7 percent when she took over in 2014, and inflation has been well below the Fed's 2 percent target. The agency has also become a more vigilant supervisor of big banks. Of course, we have not always agreed with Ms. Yellen, particularly when the Fed has been overly fearful of inflation.

- Q.19.** Choose the correct option for (19)  
 (1) exacerbated (2) emotional (3) argumentative  
 (4) abstruse (5) No change required
- Q.20.** Choose the correct option for (20)  
 (1) enormous (2) indict (3) applaud  
 (4) extempore (5) No change required
- Q.21.** Choose the correct option for (21)  
 (1) exemplification (2) elation (3) disruption  
 (4) forthcoming (5) No change required
- Q.22.** Choose the correct option for (22)  
 (1) construe (2) revive (3) delete  
 (4) incoherent (5) No change required
- Q.23.** Choose the correct option for (23)

- (1) holding (2) choice (3) perfection  
 (4) succinct (5) No change required

- Q.24.** Choose the correct option for (24)  
 (1) draft (2) dare (3) hatch  
 (4) bring (5) No change required
- Q.25.** Choose the correct option for (25)  
 (1) absurd (2) profound (3) precarious  
 (4) erratic (5) No change required
- Q.26-30.** Which of the Phrases (1), (2), (3) and (4) given below each sentence should replace the phrases printed in bold in the sentence to make it grammatically correct. If the sentence is correct as it is given and no correction is required, mark (5) as the answer.
- Q.26.** I have been **always a strong proponent of categories** of immigration that are not dependent on British experience like the Federal Skilled Worker program.  
 (1) always being a strong proponent of categories  
 (2) always been an strong proponent of categories  
 (3) always been a strongly proponent of categories  
 (4) always been a strong proponent of categories  
 (5) no correction required
- Q.27.** We understand that some **would likely to change the tax system** so multinationals' taxes are spread differently across the countries where they operate.  
 (1) would be like to change the tax system  
 (2) would like to change the tax system  
 (3) would like to changes the tax system  
 (4) would like to changed the tax system  
 (5) no correction required
- Q.28.** The Quebec program **does not required settlement funds**, a job offer or any specific amount of Mexican work or educational experience.  
 (1) does not requirement settlement funds  
 (2) do not require settlement funds  
 (3) does not require settle funds  
 (4) does not require settlement funds  
 (5) no correction required
- Q.29.** Apple confirmed the move in an online post, **saying they served to ensure that tax** obligations and payments to the US were not reduced.  
 (1) saying he served to ensure that tax  
 (2) say it served to ensure that tax  
 (3) saying it served to ensure that tax

(4) saying it serves to assure that tax

(5) no correction required

**Q.30.** Muslim countries led by Saudi Arabia want the United Nations to denounce serious rights abuses and demand an and to the military campaign against the Rohingya, according to a draft resolution.

(1) an end too the military campaign against

(2) a end to the military campaign for

(3) by end in the military campaign against

(4) an end to the military campaign against

(5) no correction required

**Q.31-35** Rearrange the following sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph, if the first and last sentence of the given passage is same then answer the questions given below them.

(FIRST) It has been proved that the significance and value of every scientific idea depend upon its practical value in life.

(A) Another idea that apparently seems to be very simple and trivial

(B) Occupies an important place in human existence

(C) It has the same importance in human history as human civilization itself

(D) The most primitive and simple idea like the drinking of water, and the eating of food

(E) Is the idea of the necessity of social and collective life

(F) That is, notwithstanding its simplicity it is as vital as life itself

(LAST) It has been proved that the significance and value of every scientific idea depend upon its practical value in life.

**Q.31.** Which of the following would be the SIXTH sentence after rearrangement?

(1) A (2) B (3) F (4) D (5) C

**Q.32.** Which of the following would be the FIFTH sentence after rearrangement?

(1) A (2) B (3) F (4) E (5) C

**Q.33.** Which of the following would be the FOURTH sentence after rearrangement?

(1) A (2) B (3) F (4) D (5) C

**Q.34.** Which of the following would be the SECOND sentence after rearrangement?

(1) A (2) B (3) F (4) D (5) C

**Q.35.** Which of the following would be the THIRD sentence after rearrangement?

(1) A (2) B (3) F (4) D (5) C

**Q.36-40.** In each of the following sentences there are two blank spaces.

Below each five pairs of words have been denoted by numbers (1), (2), (3), (4) and (5). Find out which pair of words can be filled in the blanks in order to make a meaningful sentence.

**Q.36.** The US should review its options for dealing with Pakistan, including taking unilateral actions against terrorist safe \_\_\_\_\_ in the country, if it does not cease its support to the militant \_\_\_\_\_ attacking neighbours.

(1) swagger- wheedle

(2) sediments-twaddle

(3) havens- outfits

(4) food-trojan

(5) corner-army

**Q.37.** The rupee weakened by 4 paise to 6(4)20 against the US dollar in early trade on \_\_\_\_\_ month-end demand for the American currency from importers \_\_\_\_\_ the Interbank Foreign Exchange.

(1) increased- at (2) hugely- in (3) highly-amid

(4) quagmire-at (5) quod-tenuous

**Q.38.** Religious tolerance and religious freedom conditions "continued to deteriorate" in India, an independent bipartisan American body has \_\_\_\_\_ as it placed India in a list of dozen odd nations where religious freedom \_\_\_\_\_ are severe.

(1) lavish-punishment

(2) claimed- violations

(3) liberality-legacy

(4) suppressed-strides

(5) smug-places

**Q.39.** Britain can make up for any export loss post-Brexit by building on under-developed \_\_\_\_\_ with countries like India and \_\_\_\_\_ it a priority in its trade negotiations a report by a top UK-based think tank.

(1) inasmuch-incited

(2) links- making

(3) heed-induct

(4) toll-jabber

(5) lurk-lewd

**Q.40.** India expressed concern over the worrying signs of economic protectionism and said the continued \_\_\_\_\_ in ties between major powers has \_\_\_\_\_ new uncertainties to the fore.

(1) cursory- elicit

(2) cupidity-dormant

(3) discretionary-hindered

(4) enormity-indiscreet

(5) unpredictability- brought

**Q.41-50.** Read the following passage carefully and answer the questions given below it. Certain words have been printed in bold to help you locate them while answering some questions.

Finding safe investments with low interest rates and the prices of stocks and bonds at groundbreaking highs and that can help guarantee a smug retirement has become **strenuous**. This has put the managers of pension funds that invest on behalf of future retirees in a difficult position, driving them to take ever greater risks in hopes of meeting their performance



objectives—targets that are unlikely to be met absent a major **revamp** of economic policies and corporate prospects. As a result, individuals are increasingly being exposed to the threat of losses that cannot be **recouped** quickly. The degree of long-term financial security that can be assured depends on three elements: future returns, correlations among different asset classes and volatility. The outlook for all three is becoming more uncertain.

What returns can investors realistically expect? With the combination of central bank activism and less robust economic prospects pushing bond yields into negative territory fixed income markets no longer generate any meaningful returns—unless one takes on a lot more default risk by accumulating junk debt issued by corporations and emerging-market governments. In the stock market, high-quality dividend-yielding shares have reached unnerving valuations, leaving more volatile and risky options.

More sophisticated investors may be able to access investment vehicles that traffic in less crowded areas—but selecting the right manager is not easy, especially in a “zero sum” world in which one manager’s positive “alpha” is another’s losses.

In principle, the right mix of investments can provide greater return for the same risk. But this works only if the investments don’t move in sync—and correlations among asset classes have lately become unstable and less predictable. Sophisticated long-term investors realize that portfolio diversification, while still necessary, is no longer sufficient for proper risk mitigation. Yet the next operational step is not easy, and it typically involves giving up some potential return. Then there’s volatility, which increases the chances that an investment will fall in value precisely when a future retiree needs the money.

In recent years, central banks have largely been willing and able to repress financial volatility. Now, though, this is changing. Some, such as the Bank of Japan, appear less able while others, such as the Federal Reserve, somewhat less willing.

The repercussions for investment managers depend on where they stand. Those who oversee severely underfunded corporate or public defined-benefit pension plans are in a particularly tough bind: They must achieve high returns to meet their targets, so they face the greatest pressure to take on risks that could be catastrophic if companies and the economy don’t perform well enough to justify existing asset prices. Even better-funded pension plans that have matched their assets to their liabilities will be challenged to maintain historical returns if they take on new entrants.

To avoid disaster, policy makers and investment managers should consider three fixes. First, be a lot more realistic

about the returns that can be achieved within traditional risk tolerance parameters. Second, put in place policies to boost savings and income, so people—particularly the most vulnerable—will have more money available to put aside for retirement. Third, be transparent with retirees about the risks that are being taken on their behalf, also offering less risky options with explicitly lower expected returns.

Absent urgent change, the retirement system could end up following the example of the Titanic. Like the ship’s passengers, many individuals would face the risk of devastating consequences. And like the second- and third-class passengers who had a hard time getting on lifeboats, the middle- and low-income segments of the population would be most at risk.

**Q.41.** What did the sophisticated long-term investors realize as per the passage mentioned above?

- (1) Portfolio diversification is no longer sufficient for proper risk mitigation.
- (2) One manager’s positive “alpha” is another’s losses.
- (3) Operational step is not easy, and it typically involves giving up some potential return.
- (4) Fixed income markets no longer generate any meaningful returns.
- (5) Both (1) and (3)

**Q.42.** Giving up some potential return causes volatility, which increases the chances of what?

- (1) That the liabilities of an investment manager will be challenged to maintain historical returns.
- (2) That an economy don’t perform well enough to justify existing asset prices.
- (3) That an investment will fall in value precisely when a future retiree needs the money.
- (4) That less risky options with explicitly lower expected returns.
- (5) All except (2) and (3)

**Q.43.** When do the investment managers face the greatest pressure to take on risks that could be catastrophic?

- (1) If the returns that can be achieved within traditional risk.
- (2) If individuals would face the risk of devastating consequences.
- (3) If companies and the economy don’t perform well enough to justify existing asset prices.
- (4) If the less risky options with explicitly lower expected returns are generated by the companies.
- (5) Both (3) and (4)

- Q.44.** Better-funded pension plans that have matched their assets to their liabilities will be?
- (1) Challenged to maintain historical returns if they take on new entrants.
  - (2) Particularly the most vulnerable.
  - (3) A lot more realistic about the returns.
  - (4) Severely underfunded corporate or public defined-benefit pension plans.
  - (5) All of the above.
- Q.45.** How do finding safe investments which can help guarantee a comfortable retirement has become increasingly difficult?
- (1) With interest rates extremely low.
  - (2) The prices of stocks and bonds at historic highs.
  - (3) The greatest pressure to take on risks.
  - (4) Extremely low inputs to boost savings and income.
  - (5) All except (4)
- Q.46.** Which of the following statement is NOT TRUE according to the passage?
- (1) In principle, the right mix of investments can provide greater return for the same risk.
  - (2) Selecting the right manager is very easy, especially in a "zero sum."
  - (3) Correlations among asset classes have lately become unstable.
  - (4) The next operational step is not easy, and it typically involves giving up some potential return.
  - (5) All except (3)
- Q.47.** What fixes should policy makers and investment managers consider to avoid disaster?
- (1) Be a lot more realistic about the returns that can be achieved within traditional risk tolerance parameters.
  - (2) Put in place policies to boost savings and income, so people—particularly the most vulnerable— will have more money available to put aside for retirement.
  - (3) Be transparent with retirees about the risks that are being taken on their behalf, also offering less risky options with explicitly lower expected returns.
  - (4) Both (1) and (2)
  - (5) All (1), (2) and (3)
- Q.48-49.** Choose the word which is most nearly the **OPPOSITE** in meaning as the word printed in bold as used in the passage.
- Q.48.** Strenuous
- (1) Odious
  - (2) Facetious
  - (3) Tough
  - (4) Easy
  - (5) Breakthrough
- Q.49.** Revamp
- (1) Gained
  - (2) Grimed
  - (3) Swirled
  - (4) Ruin
  - (5) Invade
- Q.50.** Choose the word most **SIMILAR** in meaning to the word printed in bold, as used in the passage.
- Q.50.** Recouped
- (1) Redeemed
  - (2) Embarked
  - (3) Undisputed
  - (4) Inaccessible
  - (5) Hump

## REASONING ABILITY

- Q.51-56.** Study the following information carefully and answer the questions given below:
- Z, B, X, D, V, F, T and H are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. The one who sit at the four corners facing towards the centre of the table while those who sit in the middle of the sides facing towards outside. Each one of them likes a different companies viz. Sumsung, Apple, Nokia, Sony, Lava, Xolo, Motorola and Google. (None of the information given is necessarily in the same order)
- X sits third to left of the one who likes Google.
- Only two people sit between X and H.
- The one who likes Sumsung sits to immediate right of H.
- The one who likes Lava sits second to right T. T is neither an immediate neighbour of H nor X.
- T does not like the Google. Only one person sits between Z and the one who likes Lava.
- D sits to immediate left of the one who likes Xolo.
- T does not like Xolo. V likes Motorola
- The one who likes Apple is an immediate neighbour of V.
- The one who likes Sony is an immediate neighbour of F.
- The one who likes Google faces outside.
- V is not an immediate neighbour of Z.
- Q.51.** Who among the following sits diagonally opposite the one who likes Sumsung?
- (1) The one who likes Apple
  - (2) D
  - (3) Z
  - (4) The one who likes Nokia
  - (5) The one who likes Sony
- Q.52.** Who amongst the following represents the immediate neighbours of the one who likes Lava?
- (1) B, F
  - (2) X, V
  - (3) B, V
  - (4) D, F
  - (5) F, H

**Q.53.** Who amongst the following sits exactly between H and B?

- (1) X (2) The one who likes Google  
(3) The one who likes Nokia (4) F  
(5) Z

**Q.54.** Which of the following is true regarding B?

- (1) B is one of the immediate neighbours of D  
(2) The one who likes Google is an immediate neighbour of B  
(3) B sits second to left of H  
(4) B likes Motorola  
(5) B is an immediate neighbour of the one who likes Samsung

**Q.55.** What is the position of the one who likes Xolo with respect to T?

- (1) Second to the left (2) Third to the right  
(3) Fourth to the left (4) Second to the right  
(5) Third to the left

**Q.56.** Which of the following company does D like?

- (1) Sony (2) Samsung (3) Apple  
(4) Lava (5) Nokia

**Q.57-61.** S, T, U, V, W, X, Y and Z are sitting in a straight line equidistant from each other (but not necessarily in the same order). Some of them are facing south while some are facing north.

T sits third to the left of S. Only one person sits between T and X. Only one person sits between W and Z. Both the immediate neighbours of T face the same direction. U sits third to the left to X. T faces the opposite direction as S. Y does not sit at any of the extremes ends of the line. V faces the same direction as W. Both Y and U face the opposite direction of Z. X sits to the immediate right of W. U does not face north. Only two people sit to the right of S.

**Q.57.** How many persons in the given arrangement are facing towards north?

- (1) More than four (2) Four (3) One  
(4) Three (5) Two

**Q.58.** Four of the following five are alike in a certain way, and so form a group. Which of the following does not belong to the group?

- (1) W, X (2) Z, Y (3) T, S (4) W, Y (5) V, U

**Q.59.** What is the position of X with respect to Z?

- (1) Second to the left (2) Third to the right  
(3) Third to the left (4) Fifth to the right  
(5) Second to the right

**Q.60.** How many persons are sitting between W and Y?

- (1) More than four (2) Four (3) One  
(4) Three (5) Two

**Q.61.** Who sits third to the right of T?

- (1) S (2) X (3) V  
(4) Y (5) No one

**Q.62-66.** Study the following information carefully and answer the questions given below:

Ten persons teaches different subjects viz. Mathematics, Hindi, English, Biology, Chemistry, Physics, History, Geography, Science and Computer are sitting in two parallel rows containing five people each, in such a way that there is an equal distance between adjacent persons. In row-1 E, D, C, B and A are seated and all of them are south. In row-2 Q, P, O, N and M are seated and all of them are facing north. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row. (All the information given above does not necessarily represent the order of seating as in the final arrangement).

A sits third to the left of the person who teaches Hindi. P is an immediate neighbour of the person who faces A. The person who teaches Chemistry sits to the immediate left of P. M does not teach Mathematics.

Only two people sit between the person who teaches English and D. The person who teaches English is not an immediate neighbour of A. Only one person sits between the one who faces D and the person who teaches History. N sits second to the right of O. O does not sit at an extreme end of the line. The person who teaches Computer sits third to the left of the one who faces O. Q is an immediate neighbour of the person who teaches Biology. Q does not teach History. Only two people sit between the person who teaches Physics and B. The person who teaches Science is an immediate neighbour of the person who faces the person who teaches Physics. Only one person sits between the one who faces the person who teaches Science and C. Neither C nor Q teaches Mathematics.

**Q.62.** A is related to the person from Geography in the same way as O is related to person from History based on the given arrangement. To who amongst the following is, N related to, following the same pattern?

- (1) The person from Physics  
(2) The person from Mathematics  
(3) The person from English  
(4) The person from Chemistry  
(5) The person from Science

**Q.63.** M teaches which of the following subject?

- (1) Mathematics (2) History (3) Physics  
(4) Biology (5) Hindi



- Q.64.** Who amongst the following faces the person who teaches Geography?  
 (1) Science (2) P (3) M  
 (4) English (5) Chemistry
- Q.65.** Which of the following is true regarding E?  
 (1) Only one person sits between E and the person who teaches Computer.  
 (2) The person who teaches Biology faces E.  
 (3) E sits immediate right of the person who teaches Hindi.  
 (4) None of the given options is true.  
 (5) E sits to the immediate left of C.
- Q.66.** Who amongst the following sit at extreme end of the rows?  
 (1) The persons who teaches Mathematics and E  
 (2) The person who teaches Computer and N  
 (3) A, M  
 (4) B and the person who teaches Science  
 (5) The person who teaches English and Q
- Q.67-71.** Read the following information carefully to answer the given questions:  
 During one week, IBPS conducts interviews for a new job, from Monday to Sunday. There are seven candidates for the job—Rajan, Sachin, Tarun, Asha, Vanya, Puneet and Kunal. Neither Sachin nor Asha nor Vanya nor Puneet is interviewed more than once and no other candidate is interviewed more than twice. The interview conducted in two shift (shift I and shift II) and each person have interview in shift I.  
 Tarun's interview is scheduled on both Monday and Friday.  
 Sachin's interview is scheduled earlier than Asha's interview.  
 Rajan's second interview is scheduled exactly two days after Rajan's first interview. Rajan's second interview conduct in shift II.  
 Vanya's interview is scheduled after Kunal's first interview and before Kunal's second interview. Kunal first interview conduct in shift II.  
 Asha's interview is scheduled on a day either immediately before or immediately after a day on which Rajan's interview.  
 Puneet interview is conduct in shift I scheduled on Sunday and Sunday shift II is off.  
 No off in shift I. Rajan's interview does not conduct on Saturday.  
 Tarun does not have interview with Kunal and Vanya in any shift.
- Q.67.** If Kunal's interview is scheduled on Tuesday, then who has interview in Shift I?  
 (1) Tarun (2) Puneet (3) Vanya  
 (4) Sachin (5) Asha
- Q.68.** Who amongst the following have interview on Thursday in both shift?  
 (1) Vanya, Kunal (2) Puneet, Rajan (3) Rajan, Tarun  
 (4) Vanya, Rajan (5) Asha, Kunal
- Q.69.** Who among of them has interview immediately before Puneet in shift I?  
 (1) Asha (2) Sachin (3) Kunal  
 (4) Rajan (5) None of these
- Q.70.** Four of the following five are alike in a certain way, and so form a group. Which of the following does not belong to the group?  
 (1) Puneet (2) Asha (3) Sachin  
 (4) Vanya (5) Tarun
- Q.71.** How many days gap between Tarun and Rajan in shift II?  
 (1) None (2) One (3) Two  
 (4) Three (5) Four
- Q.72-78** Study the following information carefully and answer the questions given below:  
 11 Indian Players M, N, O, P, Q, R, S, T, U, V and W are playing in cricket match in which there are 7 batsmen and 4 bowlers. Each of the batsman comes for batting in the order of 1 to 7 and scores different — different runs in the match. 8 to 11 are bowlers of the team and each of them has taken wicket.  
 Only two batsmen are playing before the one who scores 90 runs.  
 Only one batsman is playing between the one who scores 90 runs and O.  
 The one who scores 65 runs plays immediately after O.  
 Only two people are playing between Q and O.  
 Only one person plays between Q and S.  
 Only one person plays between S and the one who scores 125 runs.  
 M scores 75 runs less than Q. M does not come to play in even positions (like-2, 4, 6).  
 R plays immediately before N. O scores 30 runs more than S but 80 runs less than N.  
 Score of S is half score of M. U has taken 2 wickets in the match. V is not Batsman.  
 T has taken wickets more than U but less than W. M does not come to play on 7th number.  
 Only 1 to 7 players come to bating and there are no run outs in the match.
- Q.72.** What is the score of person who comes to play in 5th number?

- (1) 125 (2) 25 (3) 55  
(4) 65 (5) Either 55 or 65

**Q.73.** What is the total score of the Match?

- (1) 352 (2) 545 (3) 457 (4) 300 (5) 279

**Q.74.** How many runs score by N?

- (1) 50 (2) 25 (3) 65 (4) 125 (5) 135

**Q.75.** What is the total number of player who score 100 and 50?

- (1) One (2) Two (3) Four (4) Five (5) Six

**Q.76.** How many wicket taken by V?

- (1) 0 (2) 1 (3) 2 (4) 3 (5) 4

**Q.77.** What is the sum of wickets taken by U and W?

- (1) 4 (2) 2 (3) 3  
(4) 6 (5) Either 2 or 5

**Q.78.** What is the total runs score by the one who score highest and the one who score lowest?

- (1) 140 (2) 139 (3) 145  
(4) 160 (5) Either 160 or 140

**Q.79-83.** In each question below are three statements followed by two conclusions numbered I and II. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three statements disregarding commonly known facts.

- (1) If only conclusion I follows.  
(2) If only conclusion II follows.  
(3) If either conclusion I or conclusion II follows.  
(4) If neither conclusion I nor conclusion II follows.  
(5) If both conclusion I and conclusion II follow.

**Q.79.** Statements:

All districts are cities. All states are cities.

Some cities are countries.

Conclusions:

- I. Some states being districts is a possibility.  
II. Some countries are states.

**Q.80.** Statements:

All keys are locks. No lock is a door.

All doors are windows.

Conclusions:

- I. No key is a door.  
II. All windows being locks is a possibility.

**Q.81.** Statements:

All books are pages. All libraries are books.

All words are pages.

Conclusions:

I. Some words being books is a possibility.

II. All libraries are pages.

**Q.82.** Statements:

Some clouds are ashes.

Some ashes are particles.

All particles are elements.

Conclusions:

I. No particle is cloud.

II. Some particle is cloud.

**Q.83.** Statements:

All ships are aeroplanes.

All trucks are ships.

All cars are trucks.

Conclusions:

I. Some ships being cars is a possibility.

II. All cars being aeroplanes is a possibility.

**Q.84-85.** In each question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

- (1) If only Assumption I is implicit.  
(2) If only Assumption II is implicit.  
(3) If either Assumption I or Assumption II is implicit.  
(4) If neither Assumption I nor Assumption II is implicit.  
(5) If both Assumptions I and II are implicit.

**Q.84.** Statement :

Give adequate job related training to the employees before assigning them full fledged work.

Assumptions :

- I. Training helps in boosting the performance of employees.  
II. Employees have no skill sets before training is provided to them.

**Q.85.** Statement :

Take a ferry or a boat instead of a bus to reach the Karvi islands faster.

Assumptions :

- I. The islands being in remote location are not easily accessible.  
II. Ferries and boats are available to travel to Karvi islands.

**Q.86-87.** In each question below a statement is given followed by two courses of action numbered I and II. A course of action is a practicable and feasible step or administrative decision to be

taken for follow-up, improvement, or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume every thing in the statement to be true, and decide which of the suggested courses of action logically follow(s) for pursuing.

- (1) If only I follows.
- (2) If only II follows.
- (3) If either I or II follows.
- (4) If neither I nor II follows.
- (5) If both I and II follow.

**Q.86.** Statement :

An increasing number of farmers prefer to avail loans from local moneylenders instead of the banks owing to complicated paperwork involved in banks.

Courses of action :

- I. Local moneylenders who charge interest rates lower than the banks should be punished.
- II. Banks should simplify the procedure to avail loans so as to suit the farmers.

**Q.87.** Statement :

Indigenous tribes living near Amazon forests are cutting down trees to cover their basic needs, thus severely affecting the ecological balance in the area.

Courses of action :

- I. All the tribes living near the Amazon rainforests should be forced to shift to urban areas of the country.
- II. The tribes should be allowed to continue doing so as they cut down trees for their basic needs and not for commercial purposes.

**Q.88-92.** Each of the questions below consists of a question and two statements numbered I and II given below. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and —

- (1) If the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question
- (2) If the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- (3) If the data in Statement I alone or in Statement II alone are sufficient to answer the question.
- (4) If the data in both the Statements I and II are not sufficient to answer the question.
- (5) If the data in both the Statements I and II together are

necessary to answer the question.

**Q.88.** How many sisters does Priya have?

- I. Rohan, Priya's brother has only two siblings.
- II. Priya's grandparents have two children and two granddaughters.

**Q.89.** On which day of the week was Shahid born?

- I. Shahid's mother correctly mentions that he was born before Friday and after Tuesday.
- II. Shahid's father correctly remembers that Shahid was not born on a Wednesday.

**Q.90.** Who is the heaviest amongst P, Q, R, S and T?

- I. R is heavier than Q but not as heavy as T.
- II. P is heavier only than S.

**Q.91.** Is the time in the clock 3 O'clock now?

- I. After fifteen minutes, the minute and the hour hands of the clock will make a straight line.
- II. The train which is running late by exactly three hours from its scheduled time of arrival i.e. 11 A.M. has reached now.

**Q.92.** How is 'got' coded in the language?

- I. 'I got good marks' is written as 'pe li ta so' and 'she has got cold' is written as 'je ra so ki' in the code language.
- II. 'what have you got' is written as 'de wa so me' and 'Brazil got four goals' is written as 'di bi fe so' in the code language.

**Q.93-95.** Read the following paragraph and answer the questions which follow:

It is true that the green revolution has succeeded in transforming the Indian economy from a situation of severe food shortage into one where the country has not only become self-reliant in food production but has also been able to generate a sizable surplus for export. However, the high doses of chemical fertilizers and pesticides, which have been used under this 'conventional' farming technology (along with 'high yielding varieties of seeds' and irrigation) are now reversing the trend and causing severe environmental and health hazards, including the contamination of ground water.

**Q.93.** Which of the following statements would strengthen the author's argument?

- (1) India faced severe food shortages before the inception of green revolution.
- (2) Organic farming i.e. farming without the use of chemical fertilizers makes the food products too expensive at retail level.



- (3) Many farmers have reported that the soil in their fields became infertile within five years of switching over to chemical fertilizers.
- (4) Farmers not relying on the hybrid and high yielding variety of seeds as propagated by green revolution do not make as much profit as the ones using methods of green revolution.
- (5) High yielding varieties of seeds as propagated by green revolution do not require much water for irrigation purposes and are also resistant to pest attacks.

**Q.94.** Which of the following can be inferred ? (An inference is something which is not directly stated but can be inferred from the given facts.)

- (1) Many countries have banned use of chemical fertilizers
- (2) Green revolution failed miserably to do any good to India's needs.
- (3) The negative effects of techniques of green revolution were not anticipated at its inception
- (4) India will never face food shortage again
- (5) The main focus of green revolution was to help international fertilizer manufacturers sell their products in India.

**Q.95.** Which of the following statements represents a possible effect of the conventional Green Revolution techniques of farming if it continues in the days to come ?

- (1) India would never face severe food shortage again in the future
- (2) Export of food products would increase manifold
- (3) Only ground water would be used for irrigation purpose
- (4) Cases of chemical poisoning would increase substantially
- (5) Farmers not following methods of Green Revolution would face severe health hazards

**Q.96-100.** A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement. (All numbers in these questions are two digit numbers)

Input : level 18 a 12 overall 93 unique 32 today 46 within  
 Step I : within level 18 12 overall 93 unique 32 today 46 a  
 Step II : unique within 18 12 overall 93 32 today 46 a level  
 Step III : today unique within 18 12 93 32 46 a level overall

Step IV : 12 today unique within 18 32 46 a level overall 93

Step V : 18 12 today unique within 32 a level overall 93 46

Step VI : 18 12 today unique within a level overall 93 46 32

Step VI is the last Step of the arrangement of the above input.

Now, answer the questions based on the following input:

**Input: unique 84 can 77 open 86 quick 13 base 53 amiss 11 equal 98 start**

**Q.96.** Which of these words/numbers would be fifth (from right side) in Step III for the input?

- (1) 53 (2) 11 (3) equal (4) 77 (5) 98

**Q.97.** Which of the following would be the last step for the input?

- (1) amiss equal open unique 98 86 84 77 53 13 11 base can quick start
- (2) 53 13 11 open quick start unique amiss base can equal 98 86 84 77
- (3) amiss equal open unique 98 86 84 77 53 13 11 can base quick start
- (4) 53 13 11 open quick start unique amiss base can equal 77 84 86 98
- (5) 13 11 53 open quick start unique amiss base can equal 98 86 84 77

**Q.98.** How many Steps would be needed to complete the arrangement for the above input?

- (1) VII (2) III (3) V  
 (4) IV (5) None of these

**Q.99.** The following stands for which step of the rearrangement?  
 open quick start unique 84 77 86 13 53 11 98 amiss base can equal

- (1) Step III (2) Step V (3) Step VI  
 (4) Step IV (5) None of these

**Q.100.** Given below are five steps in a jumbled order in the form of (A), (B), (C), (D) and (E) for an input. Arrange them according to the order in which they should appear based on the example given. Then answer the questions that follow.

- (A) 28 16 Match on arrival finish 66 44  
 (B) Match on 16 44 28 66 arrival finish  
 (C) on 16 44 28 66 finish Match arrival  
 (D) 16 Match on 44 28 arrival finish 66

Which of the following will be Step III ?

- (1) A (2) B (3) C (4) D (5) E

## GENERAL AWARENESS

- Q.101.** Which of following is the official mascot of the 2017 AIBA Youth Women's World Boxing Championship?  
 (1) Guppy (2) Camel (3) Mango  
 (4) Lion (5) None of these
- Q.102.** Which committee has been constituted by the Union Government to monitor the solutions to air pollution?  
 (1) Nitin Prakash committee (2) Rahul Raj committee  
 (3) C.K Mishra committee (4) Vipin Mehra committee  
 (5) Gita Bajaj committee
- Q.103.** Which state government has launched She Pad scheme for school girls?  
 (1) Uttar Pradesh (2) Kerala (3) Bihar  
 (4) Rajasthan (5) Madhya Pradesh
- Q.104.** Shahzar Rizvi is associated with which sports?  
 (1) Boxing (2) Shooting (3) Chess  
 (4) Table Tennis (5) Cricket
- Q.105.** Which city has hosted the 20th International Children's Film Festival of India (ICFFI)?  
 (1) New Delhi (2) Lucknow (3) Hyderabad  
 (4) Chennai (5) Bhopal
- Q.106.** Mary Kom has won gold medal in which category at 2017 Asian women's Boxing Championships?  
 (1) 52kg category (2) 42kg category (3) 46kg category  
 (4) 44kg category (5) 48kg category
- Q.107.** Who has been awarded with the Israel's 2018 Genesis Prize?  
 (1) Michael Bloomberg (2) Anish Kapoor  
 (3) Itzhak Perlman (4) Nostro Vine  
 (5) Natalie Portman
- Q.108.** Which Indian organization has developed sub-sonic cruise missile 'Nirbhay'?  
 (1) ISRO (2) Bharat Earth Movers  
 (3) Relaince Defence (4) DRDO  
 (5) None of these
- Q.109.** Indo-Bangladesh joint military exercise "Sampriti-7" was held in which of the following states?  
 (1) Meghalaya and Mizoram  
 (2) Assam and West Bengal  
 (3) Assam and Bihar  
 (4) West Bengal and Arunachal Pradesh  
 (5) Uttar Pradesh and Madhya Pradesh
- Q.110.** In which country the 2017 Organic World Congress was held?  
 (1) Nepal (2) Bhutan (3) India  
 (4) Turkey (5) Bangladesh
- Q.111.** 2nd edition of India International Cherry Blossom festival was held in which state?  
 (1) Bihar (2) Uttar Pradesh (3) Uttarakhand  
 (4) Meghalaya (5) None of these
- Q.112.** Which committee has been constituted by the Central Government to probe into NTPC's Unchahar Thermal Power Plant incident?  
 (1) Vinod Kumar committee (2) PD Siwal committee  
 (3) Shekhar Singh committee (4) Piyush Bansal committee  
 (5) None of these
- Q.113.** Where is the headquarters of the International Consortium of Investigative Journalists (ICIJ)?  
 (1) Washington DC (2) Geneva (3) New York  
 (4) Vienna (5) None of these
- Q.114.** Who has been appointed as a new Special Secretary in Union commerce ministry?  
 (1) Rajnish Kumar (2) Avinash Singh (3) Rahul Singh  
 (4) Binoy Kumar (5) None of these
- Q.115.** Who will head the committee that probe into cases of Paradise Papers?  
 (1) Abhishek Singh (2) Rajat Kumar (3) Sushil Chandra  
 (4) Vivek Sharma (5) Akash Gupta
- Q.116.** Indo-Nepal folk crafts festival was held in which city?  
 (1) Panipath (2) New Delhi (3) Hisar  
 (4) Rohtak (5) Kathmandu
- Q.117.** Where is the Headquarter of Vijaya Bank?  
 (1) Kolkata (2) Bangalore (3) New Delhi  
 (4) Lucknow (5) None of these
- Q.118.** What is the Capital of Maldives?  
 (1) Lisbon (2) Male (3) Kampala  
 (4) Rabat (5) Asmara
- Q.119.** All the currency notes except ..... Bear the signature of the Governor of the RBI.  
 (1) One Rupee note (2) Hundred Rupee note  
 (3) Five Rupee note (4) Two Rupee note  
 (5) None of these
- Q.120.** In which year the Indian Planning commission was established?  
 (1) 1947 (2) 1954 (3) 1950

(4) 1948 (5) None of these  
**Q.121.** Wildlife Institute of India is located in \_\_\_\_\_.

- (1) New Delhi (2) Mumbai (3) Dehradun  
 (4) Jodhpur (5) None of these

**Q.122.** Peso is the currency of which country?

- (1) Senegal (2) Panama (3) Peru  
 (4) Philippines (5) None of these

**Q.123.** International Youth day is celebrated on \_\_\_\_\_.

- (1) 2 November (2) 12 August (3) 22 October  
 (4) 12 January (5) None of these

**Q.124.** Which of the following is related to Tennis?

- (1) French Open (2) Wimbledon (3) US Open  
 (4) Heineken Cup (5) All of the above

**Q.125.** What is the theme of 2017 World Health Day?

- (1) Depression (2) Diabetes  
 (3) Depression: Let's Talk (4) Tension free world  
 (5) None of these

**Q.126.** Jaldapara National Park is situated in which state?

- (1) Madhya Pradesh (2) West Bengal (3) Bihar  
 (4) Assam (5) Uttar Pradesh

**Q.127.** Which award is given in the field of Science & Technology?

- (1) Stirling Prize  
 (2) Pritzker Prize  
 (3) Shanti Swarup Bhatnagar Prize  
 (4) International Gandhi Peace Prize  
 (5) None of these

**Q.128.** What is the printing cost of Rs 2000 note?

- (1) Rs.3.90 (2) Rs.3.09 (3) Rs.3.54  
 (4) Rs.3.50 (5) None of these

**Q.129.** Printing cost of Rs 500 note is \_\_\_\_\_.

- (1) Rs.2.9 (2) Rs.3.09 (3) Rs.3.10  
 (4) Rs.3.50 (5) None of these

**Q.130.** What is current Repo Rate?

- (1) 6.75% (2) 5.75% (3) 6.25%  
 (4) 6.50% (5) 6.00%

**Q.131.** Which country hosted the 39th session of the General Conference of the UNESCO?

- (1) France (2) Germany (3) Italy  
 (4) India (5) Spain

**Q.132.** Which country is hosting the 2017 Asia-Pacific Economic Co-operation (APEC) summit?

- (1) India (2) Australia (3) Vietnam  
 (4) France (5) None of these

**Q.133.** Who has been appointed as a US Ambassador to India?

- (1) David Warner (2) David Friedman  
 (3) Kenneth Juster (4) Richard Verma  
 (5) Gautam Bambawale

**Q.134.** India's first-ever conservation zone for black buck will establish in which city?

- (1) Lucknow (2) Agra (3) Patna  
 (4) Allahabad (5) Dehradun

**Q.135.** Which state will host the 2nd edition of Nobel Prize Series – India?

- (1) Goa (2) Uttar Pradesh (3) Madhya Pradesh  
 (4) Haryana (5) Bihar

**Q.136.** Who has been elected as the 95th Prime Minister of Japan?

- (1) Tadamori Abe (2) Shinzo Abe (3) Hirotaka Mori  
 (4) Kimura Toto (5) None of these

**Q.137.** Which Indian Bollywood personality has been honoured with the 2017 Parmod Mahajan Smriti Award?

- (1) Amitabh Bachchan (2) Sanjay Dutt (3) Akshay Kumar  
 (4) Anupam Kher (5) Salman Khan

**Q.138.** Which Bank has obtained RBI approval to open representative offices at Kuwait and Singapore?

- (1) ICICI (2) HDFC (3) Federal Bank  
 (4) SBI (5) Dena Bank

**Q.139.** Who has been named as the recipient of the Mother Teresa Memorial Award for Social Justice?

- (1) American Civil Liberties Union  
 (2) Amnesty International  
 (3) Southern Poverty Law Center  
 (4) UNHCR  
 (5) National Urban League

**Q.140.** Which of the following country has re-elected as the member of the UNESCO's executive board?

- (1) Myanmar (2) Bhutan (3) Nepal  
 (4) Pakistan (5) India

**Q.141.** What does DRAT stands for?

- (1) Debtor Recovery appellate tribunal  
 (2) Debt Recovery appellate tribunal  
 (3) Debenture Recovery appellate tribunal  
 (4) Debt Reconstruction appellate tribunal  
 (5) None of these



- Q.142.** Bank give notice to borrower before \_\_\_\_\_ days of possession under SARFAESI Act 2002.  
 (1) 30 DAYS (2) 35 DAYS (3) 40 DAYS  
 (4) 50 DAYS (5) 60 DAYS
- Q.143.** Which of the following statement is true?  
 (1) 14 banks with Minimum capital of 50 crore were nationalized on 19 July 1969  
 (2) The bank of Hindustan was established in 1770  
 (3) Punjab national bank was established in Lahore in 1894  
 (4) All are true  
 (5) None of these
- Q.144.** State Bank of Bikaner was merged in State Bank of Jaipur in the year \_\_\_\_\_.  
 (1) 1959 (2) 2008 (3) 2010  
 (4) 1963 (5) None of these
- Q.145.** On the recommendation of which committee SBI was established?  
 (1) Shivraman committee (2) Rangarajan committee  
 (3) A.D. Gorewala committee (4) Vijay Kelkar committee  
 (5) None of these
- Q.146.** Which of the following is the Burkina Faso's currency?  
 (1) Dollar (2) Gaurde (3) Manat  
 (4) Franc (5) None of these
- Q.147.** Good People to Bank with is the tagline of which of the following Bank?  
 (1) Axis Bank (2) Union Bank of India  
 (3) Dena Bank (4) State Bank of India  
 (5) Punjab National Bank
- Q.148.** Punjab national bank was established in the year of 1894. The headquarters of Bank is located at \_\_\_\_\_.  
 (1) Kolkata (2) Bangalore (3) Lucknow  
 (4) New Delhi (5) Mumbai
- Q.149.** Food and Agriculture organization's Headquarters is located in which of the following place?  
 (1) Geneva, Switzerland  
 (2) Washington D.C, United States  
 (3) Berlin, Germany  
 (4) Brussels, Belgium  
 (5) Rome, Italy
- Q.150.** Nanda Devi National Park is located in which state?  
 (1) Uttar Pradesh (2) Bihar (3) Uttarakhand  
 (4) Madhya Pradesh (5) Maharashtra

## QUANTITATIVE APTITUDE

- Q.151-155.** In each of the following questions two equations are given. You have to solve them and give answer -
- Q.151.** (I)  $14x^2 - 53x + 14 = 0$  (II)  $4y^2 - 25 = 0$   
 (1) If  $x < y$  (2) If  $x > y$  (3) If  $x \leq y$   
 (4) If  $x \geq y$  (5) If  $x = y$  or Relationship cannot be determined
- Q.152.** (I)  $x^2 + 4x - 21 = 0$  (II)  $y^2 + 2y - 35 = 0$   
 (1) If  $x < y$  (2) If  $x > y$  (3) If  $x \leq y$   
 (4) If  $x \geq y$  (5) If  $x = y$  or Relationship cannot be determined
- Q.153.** (I)  $(x + 3)^2 - 25 = 0$  (II)  $y^2 - 14y + 49 = 0$   
 (1) If  $x < y$  (2) If  $x > y$  (3) If  $x \leq y$   
 (4) If  $x \geq y$  (5) If  $x = y$  or Relationship cannot be determined
- Q.154.** (I)  $2x^2 + 13x + 20 = 0$  (II)  $2y^2 - 7y - 4 = 0$   
 (1) If  $x < y$  (2) If  $x > y$  (3) If  $x \leq y$   
 (4) If  $x \geq y$  (5) If  $x = y$  or Relationship cannot be determined
- Q.155.** (I)  $x^2 - 10x + 25 = 0$  (II)  $y^2 + 26y + 169 = 0$   
 (1) If  $x < y$  (2) If  $x > y$  (3) If  $x \leq y$   
 (4) If  $x \geq y$  (5) If  $x = y$  or Relationship cannot be determined
- Q.156.** The number obtained by interchanging two digits of a two digit number is lesser than the original number by 54. If the sum of the two digits of the number is 12 then what is the original number?  
 (1) 28 (2) 39 (3) 82 (4) 84 (5) 93
- Q.157.** Men, women and children are employed to do a work in the proportion of 3 : 2 : 1 and their wages as 5 : 3 : 2. When 90 men are employed, total daily wages of all amounts to Rs. 10,350. Find the daily wage of a man?  
 (1) 65 (2) 75 (3) 6750 (4) 5850 (5) 85
- Q.158.** From the deck of cards 2 cards are chosen randomly, what is the probability of getting both the cards black in colour?  
 (1)  $7/26$  (2)  $5/26$  (3)  $3/26$   
 (4)  $23/26$  (5) Data Inadequate
- Q.159.** Pipe A can fill the tank in 30 hours and pipe B can fill the tank in 15 hours whereas pipe C can empty the tank 10 hours. Pipe A starts at 6:00 am pipe B starts at 7:00 am and from 8:00 am all the pipes run alternatively find in how many hours the tank will be filled or empty completely?

- (1) 30 hours to fill (2) 25 hours to fill  
(3) 30 hours to empty (4) 25 hours to empty  
(5) Never

**Q.160-164.** What approximate value will come in the place of the question mark (?) in each of the following question. (You are not expected to calculate the exact value)

**Q.160.**  $19.99\%$  of 5001 -  $50.41\%$  of 2498 = ?

- (1) 245 (2) -245 (3) 230 (4) -230 (5) 260

**Q.161.**  $797.87 \div 24.96 \times 15.02 - 29.98 = ? \div 0.1$

- (1) 40 (2) 35 (3) 50 (4) 55 (5) 45

**Q.162.**  $\frac{901}{51} \div \frac{21}{1201} \times \frac{101}{301} = ?$

- (1) 450 (2) 300 (3) 350 (4) 400 (5) 500

**Q.163.**  $6575 \div 17.98 \times 42.03 \div 6.87 = ?$

- (1) 2000 (2) 2050 (3) 2150 (4) 2250 (5) 2200

**Q.164.**  $(738 \text{ of } 421\%) \div 518 = ?$

- (1) 8 (2) 6 (3) 10 (4) 11 (5) 15

**Q.165-168.** Read the following information carefully and answer the questions given below.

A certain number of students are studying in an institute. In a survey it is found that 45.6% of the total number of students like Desktop. 12.8% of the total number of students like Laptop. 84.4% of the total number of students like Tablet. 7% of the total number of students do not like any computer. 3.6% students like Desktop and Laptop. 10.2% of the total students like Laptop and Tablet. 38.6% of the total students like Desktop and Tablet. 2.6% of the total students like all the three computers. 35 students do not like any computer.

**Q.165.** How many students like at least one type of computer?

- (1) 455 (2) 465 (3) 475  
(4) 485 (5) None of these

**Q.166.** How many students like only Tablet?

- (1) 204 (2) 180 (3) 193  
(4) 191 (5) None of these

**Q.167.** How many students like at least two types of computer?

- (1) 232 (2) 234 (3) 236  
(4) 238 (5) None of these

**Q.168.** How many students like exactly two types of computer?

- (1) 221 (2) 223 (3) 227  
(4) 229 (5) None of these

**Q.169.** P and Q starts to walk together from a corner of a rectangle field with a speed of 10m/sec and take 14 sec and 10 sec respectively

to reach diagonally opposite corner of the rectangle field when P walks along the side where as Q walks along the diagonal find the area of the field?

- (1) 960 (2) 5600 (3) 2400 (4) 4800 (5) 2800

**Q.170.** A milkman buy some quantity of milk at Rs. 20 per litre and mix 5 litre of water in it. He sells the mixture at the rate of Rs 21 per litre and makes a profit of 40%. Find the quantity of mixture sold by milkman?

- (1) 15 (2) 18 (3) 20 (4) 25 (5) 30

**Q.171.** Amount invested by Arvind doubles itself in 6 years at compound interest. Arvind earn 48000 as interest in 12 years. If Arvind doubles his investment after 6 years, then find the compound interest now Arvind will receive at the end of 12 years?

- (1) 48000 (2) 52000 (3) 56000  
(4) 60000 (5) 64000

**Q.172.** In a group of student each liking atleast one of the three subject. 23 students like Maths, 38 like Science and 39 like English. 18 students like only Science and English, 12 student like only Maths and Science, 7 student like only Maths and English. 4 student like all the three subject. Find the number of student in the group?

- (1) 145 (2) 105 (3) 75  
(4) 55 (5) None of these.

**Q.173.** Three men and two women can do a piece of work in 4 days, while two men and three women can do the same work in 5 days. Rs. 44 is given to a woman for her per day work. Find the total amount paid to 3 men and 2 women to complete this work?

- (1) 2000 (2) 2100 (3) 2150 (4) 2200 (5) 2250

**Q.174.** A bought 4 pieces of pastery and B bought 1 cake. Cost of cake is twice the cost of a pastery. C joins them and each share equal amount. If C did not bought any thing and had to pay Rs.50 Find the cost of cake.

- (1) 25 (2) 30 (3) 40 (4) 45 (5) 50

**Q.175.** The average of 5 numbers is 41 and sum of the second and third number is 3.5 times the first number. The sum of the 4th and 5th number is 5.75 times the first number. What is the average of the 2nd and 5th number?

- (1) 45.75 (2) 46 (3) 46.25 (4) 46.50 (5) 46.75

**Q.176.** Rahman purchased the ticket of a zoo for his all 200 friends. He was the first person to buy ticket that day. So the ticket number starts from 1, 2, 3----- etc. He denied to take tickets which have number 4 over it. The last ticket number he will purchased if no one else have buy ticket untill he bought all his ticket?

- (1) 250 (2) 251 (3) 252 (4) 253 (5) 254

**Q.177.** The speed of the boat in still water is 32 km/hr and speed of stream 4 km/hr. It takes total 6.5 hours to row from point A to B against the stream and comes back to the point come from B. If the distance between point A and B is  $\frac{2}{3}$  of the distance between B and C, what is the total distance travelled by boat?

- (1) 200 (2) 205 (3) 210 (4) 215 (5) 220

**Q.178.** A train can travel 20% faster than a car. Both start from the point A at the same time and reach point B, 75 km. away from A at the same. On the way however the train lost about 12.5 min while stopping at the stations. The speed of the car is-

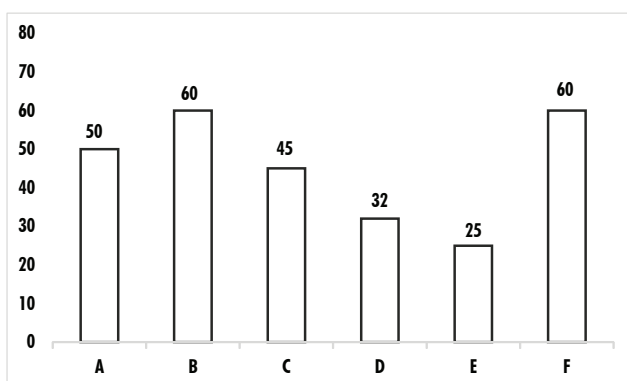
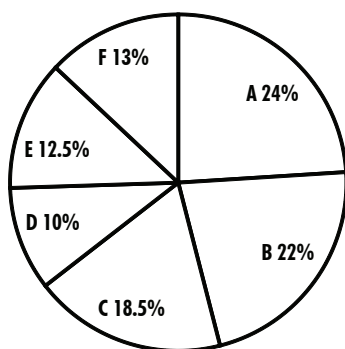
- (1) 50 (2) 60 (3) 75 (4) 80 (5) 90

**Q.179.** Smallest side of a right angled triangle is 8 cm less than the side of a square of perimeter 56 cm. second largest side of this triangle is 4 cm less than the length of rectangle of area 96 cm<sup>2</sup> and breadth 8cm. What is the largest side of the triangle?

- (1) 8 (2) 12 (3) 10  
(4) 15 (5) None of these

**Q.180-183.** In the given pie chart the percentage distribution of total number of computer employees of six different companies is shown and the line graph shows the % of female employees among them.

Total number of employees in company C is 24000.



**Q.180.** What is the difference between the number of male employees of company A, B and C together and the number of female employees of company D, E and F together?

- (1) 4244 (2) 4424 (3) 4343  
(4) 4044 (5) None of these

**Q.181.** What is the ratio of the total number of male employees of company D to the total number of female employees of company 'C'?

- (1) 997:816 (2) 416:443 (3) 816:333  
(4) 989:408 (5) 272:333

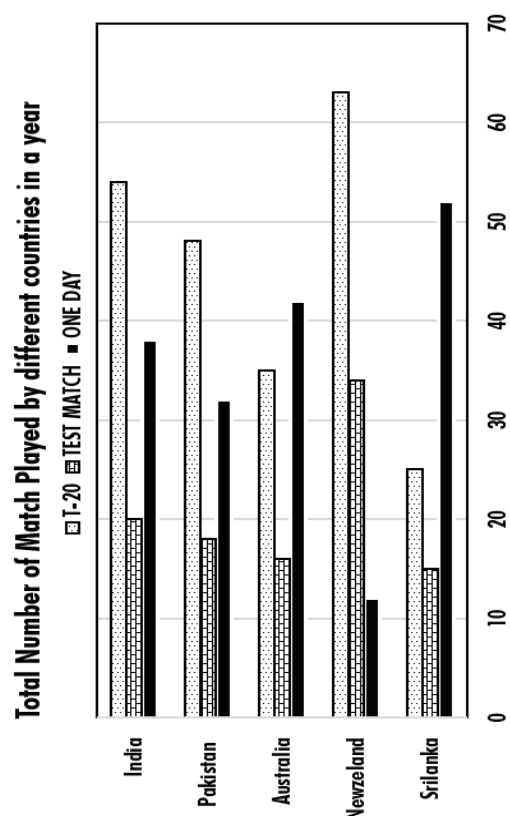
**Q.182.** Total number of female employees of company B is approximately what percent of the total number of male employees of company E?

- (1) 150% (2) 120% (3) 130%  
(4) 140% (5) 160%

**Q.183.** What is the sum of female employees in companies B, D and E?

- (1) 4466 (2) 4480 (3) 4540  
(4) 4686 (5) None of these

**Q.184-188.** Study the graph and answer the given question.



**Q.184.** If India won 60% of one-day matches, loses 30% of one day matches and remaining matches were draw and gain 5 point for each winning, loses 2 points for each defeat and get 2 point for every draw match then find the total points obtained by India for one-day matches at the end of the year.

- (1) 140 (2) 141 (3) 142 (4) 143 (5) 144



**Q.185.** If Steven smith of Australia played  $\frac{2}{3}$  of T-20 matches and made 3164 runs then find his average runs per match.

- (1) 102 (2) 103 (3) 104 (4) 105 (5) 113

**Q.186.** If all the given team, each country played at least one T-20 match with other country .What is the maximum number of matches can any team play with remaining every team?

- (1) 12 (2) 52 (3) 15 (4) 9 (5) 10

**Q.187.** If Newzeland played all the T-20 matches against INDIA and India played half of remaining matches played against Pakistan then find the remaining matches played by India against other countries.

- (1) 11 (2) 12 (3) 13 (4) 14 (5) 20

**Q.188.** If total no. of 6's by SRILANKA is 204 and 4's is 289 and 3's is 389 and 2's is 1078 and single is - 2017 in test matches and srilanka did not batted second inning in 5 matches then find the average run per innings of srilanka in test match.

- (1) 308.8 (2) 324.12 (3) 315.35  
(4) 214.6 (5) 315.80

**Q.189-192.** Study the following table carefully and answer the given questions.

Mobile	Cost Price	Selling Price	% of Profit	Profit
Samsung	35,000	----	----	3,500
Apple	53,000	----	14%	----
Micromax	----	22,000	----	----
LG	28,000	----	----	2800
HTC	---	33,000	10%	----
Sony	36,000	----	----	4,000

**Q.189.** If the profit % of micromax is 10% then find the ratio between c.p. of micromax and s.p. of samsung.

- (1) 40:63 (2) 63:40 (3) 62:15  
(4) 36:57 (5) cannot be determined

**Q.190.** Find the ratio between S.P. of L.G. and HTC.

- (1) 154:163 (2) 154:165 (3) 165:154  
(4) 167:171 (5) 172:153

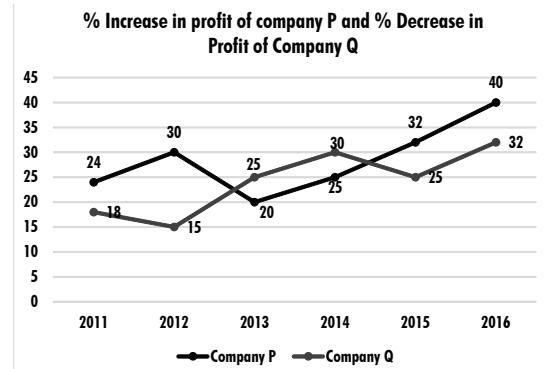
**Q.191.** If the ratio of C. P. of sony and Micromax is 4 :5 and s.p .of Micromax becomes 2.5 times then the profit % of Micromax is what % of the profit % of sony ?

- (1) 100% (2) 200% (3) 300%  
(4) 250% (5) cannot be determined.

**Q.192.** Find the difference between sum of s.p. of samsung and apple and sum of s.p. of HTC and SONY.

- (1) 24570 (2) 25450 (3) 25920  
(4) 23451 (5) 24580

**Q.193-195.** Study the line graph and answer the given question.



**Q.193.** If the profit of company P and Q is same in the year 2012 then the profit of Company Q in the year 2014 is what % of the profit of Company P in the year 2013 ?

- (1) 43.25 (2) 41.75 (3) 43.75  
(4) 41.50 (5) 45.25

**Q.194.** If in the year 2011 the profit earned by company P and company Q is 1984 lakhs and 1886 lakhs respectively then find the difference between the profit of company P and company Q in the year 2010.

- (1) 820 lakhs (2) 600 lakhs (3) 560 lakhs  
(4) 700 lakhs (5) 500 lakhs

**Q.195.** If the expenditure of company P and Q in 2015 are equal and the ratio of expenditure and income of P and Q in 2015 are 5 : 6 and 4 : 5 respectively .Find the ratio between the income of P and Q in 2016 respectively if the expenditure of 2015 and 2016 are same for both company.

- (1) 112 : 125 (2) 135:157 (3) 137 : 178  
(4) 128:117 (5) data inadequate

**Q.196-200.** What will come in place of question mark (?) in the following number series?

**Q.196.** 216 20 164 64 128 ?

- (1) 100 (2) 92 (3) 81  
(4) 75 (5) 67 125

**Q.197.** 122 62 ? 17 9.5 5.75

- (1) 64 (2) 50 (3) 42 (4) 36 (5) 32

**Q.198.** 49 216 625 1024 729 ?

- (1) 164 (2) 150 (3) 142 (4) 136 (5) 128

**Q.199.** 18 8 6 8 ? 176

- (1) 24 (2) 25 (3) 32 (4) 36 (5) 42

**Q.200.** 10 26 74 218 650 ?

- (1) 1964 (2) 1950 (3) 1946 (4) 1936 (5) 1932

## ENGLISH LANGUAGE

- Q.1.(5) Answer lies in the fifth paragraph.  
 Q.2.(4) Answer lies in the fourth paragraph.  
 Q.3.(2) Answer lies in the second paragraph.  
 Q.4.(4) Answer lies in the beginning of the third paragraph.  
 Q.5.(5) Answer lies at the last of the third paragraph.  
 Q.6.(3) Q.7.(2) Q.8.(4) Q.9.(1) Q.10.(2)  
 Q.11.(1) Replace 'very take seriously' with 'take very seriously'.  
 Q.12.(5) No Error  
 Q.13.(2) add the before 'US-based International Consortium'.  
 Q.14.(4) Replace 'applicable' with 'application'.  
 Q.15.(3) Replace 'they' with 'its'  
 Q.16.(2) Replace 'a' with 'an'  
 Q.17.(5) No Error  
 Q.18.(2) Replace 'would be consider' with 'would be considered'  
 Q.19.(5) Q.20.(1) Q.21.(3) Q.22.(2) Q.23.(2)  
 Q.24.(5) Q.25.(3) Q.26.(4) Q.27.(2) Q.28.(4)  
 Q.29.(3) Q.30.(4) Q.31.(5) Q.32.(4) Q.33.(1)  
 Q.34.(2) Q.35.(3)

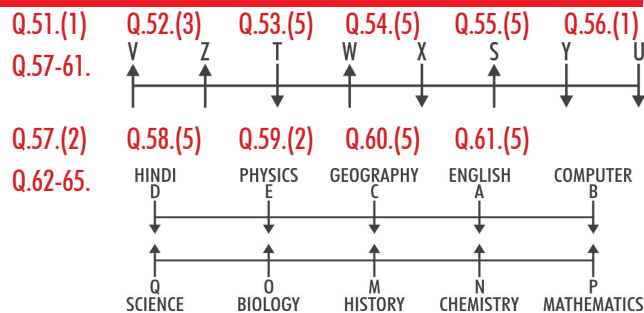
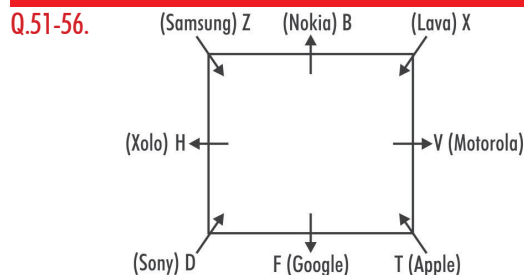
DBFAEC is the correct sequence.

### EXPLANATION –

- (D) The most primitive and simple idea.... Should be the 1st sentence as no other sentence looks introductory sentence.  
 In the 1st sentence, 'drinking of water' and 'eating of food' are discussed which play a crucial role in the existence of life of human being. So, it should be connected with (B)'occupies an important....'  
 Which thing is 'as vital as life itself', of course water and food. Hence, (F) should be the 3rd sentence.  
 Now, the author talks about 'Another idea....'. (A) should be connected as the 4th sentence of the passage.  
 Now, in the 5th sentence, we need 'the idea' about which the author mentioned in the 4th sentence. Hence, (E) 'is the idea of the necessity....' It should be the 5th sentence.

- Q.36.(3) for other options  
 sediment(N)- matter that settles to the bottom of a liquid.  
 swagger(V)- walk or behave in a very confident and arrogant or self-important way.  
 twaddle(N)- foolish speech or writing.  
 Trojan(Adj)-hard-working, determined person.  
 Q.37.(1) for other options  
 quod(N)-Prison  
 tenuous(Adj)-insubstantial  
 Q.38.(2) for other options  
 smug (Adj) - complacent, stride (V) - March, liberality (N)- the quality of giving or spending freely.  
 Q.39.(2) for other options  
 lurk (V) - skulk, lewd (Adj) - smutty, heed (N) - attention, induct (V)- admit (someone) formally to a post or organization.  
 Q.40.(5) for other options  
 cupidity (N)- greed for money or possessions, dormant (Adj)- temporarily inactive.  
 Q.41.(1) Answer is given in the fourth paragraph.  
 Q.42.(3) Answer is given at last of the fourth paragraph.  
 Q.43.(3) Answer is given at last of the sixth paragraph.  
 Q.44.(1) Answer is given at last of the sixth paragraph.  
 Q.45.(5) Answer is given in the beginning of the passage.  
 Q.46.(2)  
 Q.47.(5) Answer is given in the seventh paragraph.  
 Q.48.(4) for other options  
 Facetious(Adj)-amusing  
 Q.49.(4) for other options  
 Grimed (V) - deface  
 Q.50.(1) for other options  
 Hump (N) - swelling

## REASONING ABILITY



Q.62.(2) Q.63.(2) Q.64.(3) Q.65.(2) Q.66.(4)  
Q.67-70.

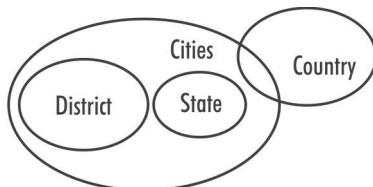
	Shift - I	Shift - II
Monday	Rajan	Tarun
Tuesday	Sachin	Kunal*
Wednesday	Asha	Kunal*
Thursday	Vanya	Rajan
Friday	Tarun	X
Saturday	Kunal	X
Sunday	Puneet	OFF

Q.67.(4) Q.68.(4) Q.69.(3) Q.70.(5) Q.71.(3)  
Q.72-77.

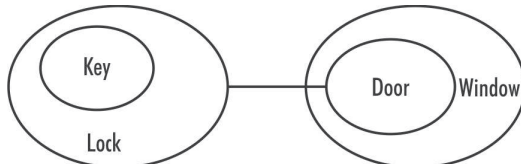
1	M	50
2	Q	125
3	P	90
4	S	25
5	O	55
6	R	65
7	N	135

U-2
W>T>U>V
4 3 2 1

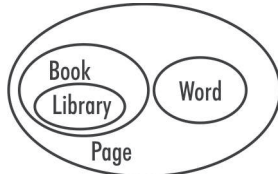
Q.72.(3) Q.73.(2) Q.74.(5) Q.75.(5) Q.76.(2) Q.77.(4)  
Q.78.(4)  
Q.79.(1)



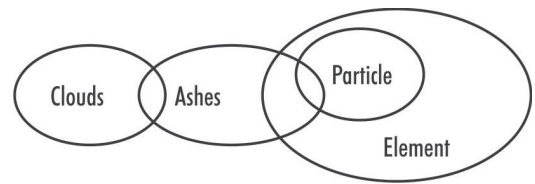
Q.80.(1)



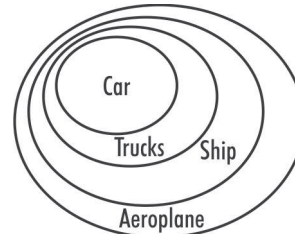
Q.81.(5)



Q.82.(3)



Q.83.(4)



Q.84.(1) Q.85.(2) Q.86.(2) Q.87.(4) Q.88.(4) Q.89.(5)  
Q.90.(5) Q.91.(2) Q.92.(3) Q.93.(1) Q.94.(3) Q.95.(4)

Q.96-100. Input: 84 unique can 77 open 86 quick 13 base 53 amiss 11 equal 98 start

Step I: unique 84 can 77 open 86 quick 13 base 53 11 equal 98 start amiss

Step II: start unique 84 can 77 open 86 quick 13 53 11 equal 98 amiss base

Step III: quick start unique 84 77 open 86 13 53 11 equal 98 amiss base can

Step IV: open quick start unique 84 77 86 13 53 11 98 amiss base can equal

Step V: 11 open quick start unique 84 77 86 13 53 amiss base can equal 98

Step VI: 13 11 open quick start unique 84 77 53 amiss base can equal 98 86

Step VII: 53 13 11 open quick start unique 77 amiss base can equal 98 86 84

Step VIII: 53 13 11 open quick start unique amiss base can equal 98 86 84 77

Step I- on 16 44 28 66 finish Match arrival

Step II- Match on 16 44 28 66 arrival finish

Step III- 16 Match on 44 28 arrival finish 66

Step IV- 28 16 Match on arrival finish 66 44

Q.96.(3) Q.97.(2) Q.98.(5) Q.99.(4) Q.100.(4)

## GENERAL AWARENESS

Q.101.(1)	Q.102.(3)	Q.103.(2)	Q.104.(2)	Q.105.(3)	Q.126.(2)	Q.127.(3)	Q.128.(3)	Q.129.(2)	Q.130.(5)
Q.106.(5)	Q.107.(5)	Q.108.(4)	Q.109.(1)	Q.110.(3)	Q.131.(1)	Q.132.(3)	Q.133.(3)	Q.134.(4)	Q.135.(1)
Q.111.(4)	Q.112.(2)	Q.113.(1)	Q.114.(4)	Q.115.(3)	Q.136.(2)	Q.137.(4)	Q.138.(3)	Q.139.(4)	Q.140.(5)
Q.116.(5)	Q.117.(2)	Q.118.(2)	Q.119.(1)	Q.120.(3)	Q.141.(2)	Q.142.(5)	Q.143.(4)	Q.144.(4)	Q.145.(3)
Q.121.(3)	Q.122.(4)	Q.123.(2)	Q.124.(5)	Q.125.(3)	Q.146.(4)	Q.147.(2)	Q.148.(4)	Q.149.(5)	Q.150.(3)



## QUANTITATIVE APTITUDE

Q.151.(5)  $x = \frac{7}{2}, \frac{2}{7}, y = \pm \frac{5}{2}$

Q.152.(5)  $x = 3, -7, y = 5, -7$

Q.153.(1)  $x = 2, -8, y = 7, 7$

Q.154.(1)  $x = -2.5, -4, y = -0.5, 4$

Q.155.(2)  $x = 5, 5, y = -13, -13$

Q.156.(5) According to question

$$10x + y = 10y + x + 54$$

$$x - y = 6 \text{ -----(i)}$$

$$x + y = 12 \text{ -----(ii)}$$

$$x = 9, y = 3$$

$$\text{Reqd. number} = 93$$

Q.157.(2)  $90 \times 5x + 60 \times 3x + 30 \times 2x = 10350$

$$x = \frac{10350}{690} = 15$$

$$15 \times 5 = 75$$

Q.158.(3)  $\frac{{}^{18}C_2}{{}^{52}C_2} = \frac{3}{26}$

Q.159.(5) lcm of (30,15,10) is 30

$$A = 30 = 1 \quad B = 15 = 2$$

$$C = 10 = -3 \quad 1 + 2 - 3 = 0$$

Q.160.(2)  $20\% \times 5000 - 50\% \times 2500 = -250 \approx -245$

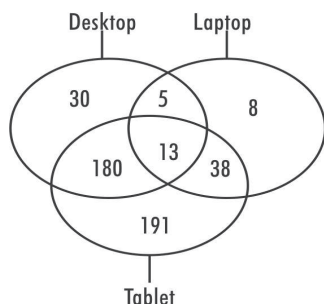
Q.161.(5)  $800 \div 25 \times 15 - 30 = ? \div 10 \approx 45$

Q.162.(3)  $\frac{900}{50} \div \frac{20}{1200} \times \frac{100}{300} = 360 \approx 350$

Q.163.(5)  $6570 \div 18 \times 42 \div 7 \approx 2190 \approx 2200$

Q.164.(2)  $? = \frac{738 \times 421}{100 \times 518} \quad ? \approx 6$

Q.165-168.



Q.165.(2). Q.166.(4). Q.167.(3) Q.168.(2)

Q.169.(4)  $(l+b)^2 = l^2 + b^2 + 2lb$

$$(140)^2 = 100^2 + 2lb$$

$$2lb = 19600 - 10000 = 9600$$

$$\text{Area} = lb = 4800m^2$$

Q.170.(3) C.P of Mixture =  $\frac{21}{140} \times 100 = 15$

$$\text{C.P of Water} = 0$$

$$\text{Milk} \quad \text{Water}$$

$$20 \quad 0$$

$$15$$

$$15 \quad 5$$

$$M : W = 3 : 1$$

$$1 \text{ ratio} \text{ ----- } 5 \text{ litre}$$

$$\text{Mixture} = 3 + 1 = 4 \text{ ratio}$$

$$4 \text{ ratio} \text{ ----- } 5 \times 4 = 20 \text{ litre}$$

Q.171.(5) Let the Principle be P

If it doubles itself in 6 year,

Therefore Amount in 12 years will be 4P

$$\text{Interest in 12 years} = 4P - P = 48000$$

$$P = 16000$$

$$\text{Interest in 6 years} = 16000$$

$$\text{After 6 years principle} = 16000 \times 2 + 16000 = 48000$$

At the end of 12 years 48000 will also get doubles

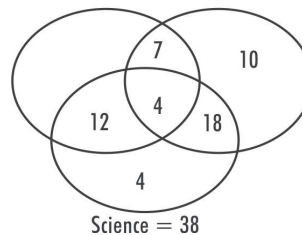
$$= 48000 \times 2 = 96000$$

$$\text{Interest} = 96000 - 48000 = 48000$$

$$\text{Total Interest} = 16000 + 48000 = 64000$$

Q.172.(4)

$$\text{Maths} = 23 \quad \text{English} = 39$$



$$12 + 4 + 7 + 18 + 10 + 4 = 55$$

Q.173.(4)

Q.174.(5) Let the price of cake

$$\frac{2x+x}{3} = 50$$

$$x = 50$$

Q.175.(3)  $a+b+c+d+e = 41 \times 5 = 205$

$$b+c = \frac{7}{2}a, d+e = \frac{23}{4}a$$

$$a + \frac{7}{2}a + \frac{23}{4}a = 205 \quad a = 20$$

$$\text{Average} = \frac{a+b+c+d+e}{4} = \frac{205-20}{4} = 46.25$$

Q.176.(4)

Q.177.(3)  $\frac{d}{32+4} + \frac{2 \times d}{3 \times (32-4)} = 65, d = 126$

$$126 + \frac{2}{3} \times 126 = 210$$

Q.178.(2)  $\frac{75}{s} - \frac{5}{6s} \times 75 \times \frac{12-5}{60}, s = 60$

Q.179.(3)  $56 = 4a, 14 = a$

$$P = 14 - 8 = 6, 96 = 8 \times I$$

$$I = 12, b = 12 - 4 = 8$$

$$S = \sqrt{8^2 + 6^2} = 10$$

Q.180-184

Company	Total	M	F
A	5760	2880	2880
B	5280	2112	3168
C	4440	2442	1998
D	2400	1632	768
E	3000	2250	750
F	3120	1248	1872

Q.180.(4) Reqd difference =  $7434 - 3390 = 4044$

Q.181.(5) Reqd Ratio =  $\frac{1632}{1998} = \frac{816}{999} = \frac{272}{333}$

Q.182.(4)  $\frac{3168}{2250} \times 100 = 140.8\%$

Q.183.(4) Reqd sum =  $3168 + 768 + 750 = 4686$

Q.184.(4)  $55 \times \frac{3}{5} \times 5 - 55 \times \frac{3}{10} \times 2 + 55 \times \frac{1}{10} \times 2 = 143$

Q.185.(5) Average run per match =  $\frac{3164}{42 \times \frac{2}{3}} = 113$

Q.186.(4)

Q.187.(3)

Q.188.(1) 
$$= \frac{204 \times 6 + 289 \times 4 + 389 \times 3 + 1078 \times 2 + 2017}{25}$$

$$= \frac{1224 + 1156 + 1167 + 2156 + 2107}{25} = 308.8$$

Q.189.(1) 
$$= \frac{22000}{110} \times 100 : (35000 - 3500)$$

$$= 20000 : 31500$$

$$= 40 : 63$$

Q.190.(2) Required ratio =  $(28000 + 2800) : 33000 = 30800 : 33000 = 154 : 165$

Q.191.(2) Required percent =  $\frac{\frac{10000}{45000} \times 100}{\frac{4000}{36000} \times 100} \times 100 = 200\%$

Q.192.(3) Required difference =  $(38500 + 60420) - (33000 + 40000) = 25920$

Q.193.(3) Required % =  $\frac{x \times \frac{75}{100} \times \frac{70}{100}}{\frac{120}{x \times \frac{75}{100}}} \times 100 = 43.75\%$

Q.194.(4) Required difference =  $\frac{1984}{124} \times 100 - \frac{1886}{82} \times 100 = 1600 - 2300 = 700$

Q.195.(4) In 2015 for company P,  $E : I = (5 : 6) \times 4 = 20 : 24$   
 In 2015 for company Q,  $E : I = (4 : 5) \times 5 = 20 : 25$   
 profit of company P in 2016 =  $4 \times \frac{140}{100} = 5.6$   
 profit of company Q in 2016 =  $5 \times \frac{68}{100} = 3.4$

Ratio of income of company P and company Q =  $25.6 : 23.4 = 128 : 117$

Q.196.(2) 
$$\begin{array}{ccccc} 216 & 20 & 164 & 64 & 128 & ? \\ -14^2 & +12^2 & -10^2 & +8^2 & -6^2 & \end{array}$$

Q.197.(5) 
$$\begin{array}{ccccc} 122 & 62 & ? & 17 & 9.5 & 5.75 \\ +2 \div 2 & +2 \div 2 & +2 \div 2 & +2 \div 2 & +2 \div 2 & \end{array}$$

Q.198.(5) 
$$\begin{array}{ccccc} 49 & 216 & 625 & 1024 & 729 & ? \\ 7^2 & 6^2 & 5^4 & 4^5 & 3^6 & 2^7 \end{array}$$

Q.199.(1) 
$$\begin{array}{ccccc} 18 & 8 & 6 & 8 & ? & 176 \\ \times 0.5-1 & \times 1-2 & \times 2-4 & \times 4-8 & \times 8-16 & \end{array}$$

Q.200.(3) 
$$\begin{array}{ccccc} 10 & 26 & 74 & 218 & 650 & ? \\ \times 3-4 & \times 3-4 & \times 3-4 & \times 3-4 & \times 3-4 & \end{array}$$

## GENERAL INTELLIGENCE AND REASONING

**Q.1-3.** In each of the following questions, Select the related letter/ word/number from the given alternatives.

**Q.1.** 18 : 52 :: 12 : ?

- (A) 34 (B) 48 (C) 72 (D) 60

**Q.2.** SNHW : UOJX :: DPLT : ?

- (A) FQMU (B) EQNV (C) EQMU (D) FQNU

**Q.3.** Fear : Startle :: Disgrace : ?

- (A) Worry (B) Strain (C) Blush (D) Uneasy

**Q.4-6.** Find the odd word/letters/ number pair from the given alternatives.

**Q.4.** (A) Tumbler (B) Basin (C) Trough (D) Barrel

**Q.5.** (A) 8-56 (B) 11-110 (C) 7-52 (D) 12-132

**Q.6.** (A) GILPU (B) HJMPT (C) CEHLQ (D) DFIMR

**Q.7.** Find out the set of number amongst the four sets of numbers given in the alternatives which is similar to the set given in question.

Given set: (12, 72, 207)

(A) (15, 19, 200) (B) (61, 14, 208)

(C) (14, 98, 809) (D) (11, 16, 204)

**Q.8.** Amit walks 15 km towards north, from there he walks 20 Km towards East. Then he turns south and move 7 Km and he again move 23 km in the same direction. How far and in which direction is he with reference to his starting point?

(A) 24 Km. South — West (B) 15 Km. North - East

(C) 23 Km. South (D) 25 Km. South - East

**Q.9.** If Saturday comes 3 days after the start of a month. Which day will be on the 27th of the same month?

(A) Monday (B) Tuesday

(C) Thursday (D) Saturday

**Q.10-12.** In the questions, select the missing number from the given responses:

**Q.10.**

2	3	1
1	2	-1
3	4	?

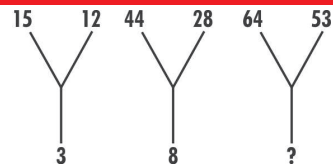
(A) 5 (B) 6 (C) 7 (D) 4

**Q.11.**

3	6	10	8	8	4
8		29		?	
6	1	3	4	3	2

(A) 47 (B) 53 (C) 50 (D) 55

**Q.12.**



(A) 23 (B) 21 (C) 13 (D) 12

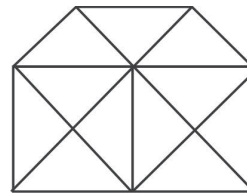
**Q.13.** In a certain code GANESAN is written as AAEGNNS, then how can RAJESH be written in that code?

(A) SEHARJ (B) JRSAEH (C) AEHJRS (D) SARHJE

**Q.14.** In a certain code SINGLE is written as 11, then how can WINKLI be written in that code?

(A) 13 (B) 09 (C) 24 (D) 15

**Q.15.** How many triangles are there in the following figure?



(A) 21 (B) 22 (C) 20 (D) 18

**Q.16.** In a class of 50 students Rahul is 34th from the left and Vineet is 31th from the right. Rohit is sitting exactly between them. What is Rohit position from the left?

(A) 28 (B) 16 (C) 13 (D) 27

**Q.17.** Six people A, B, C, E and F are standing in row. F is sitting second from A and B. A does not sit any of the extreme ends of the line. E is second to the right of C who is not neighbor of B. Who stands extreme right end of the row?

(A) E (B) C (C) A (D) B

**Q.18.** In the following question, a word is represented by only one set of number as given in any one of the alternative. The set of number given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows Matrix - I are numbered from 0 to 4 and that of Matrix - II are numbered from 5 to 8. A letter from these matrixs is to be represented first by its row and then by its column, e.g 'F' can be represented by 21, 40, 02 etc and 'T' 85, 78, 66 etc.

Matrix — I

Matrix — II

	0	1	2	3	4
0	D	E	F	I	N
1	I	N	D	E	F
2	E	F	I	N	D
3	N	D	E	F	I
4	F	I	N	D	E

	5	6	7	8	9
5	O	P	R	S	T
6	S	T	O	P	R
7	P	R	S	T	O
8	T	O	P	R	S
9	R	S	T	O	P



What is the code of 'TONE' ?

- (A) 97, 79, 54, 13 (B) 59, 55, 42, 56  
(C) 97, 79, 23, 44 (D) 59, 98, 11, 33

**Q.19.** In each of the questions below is given four statements followed by two conclusions numbered I and II. Read all the conclusions and then decide which of the given conclusions logically not follows.

Statements :

Some codes are secrets. All secrets are puzzles.

Conclusions :

I. Some codes are puzzle. II. Some secrets are not puzzle.

(A) Only conclusion I follows.

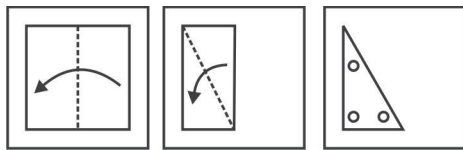
(B) Only conclusion II follows.

(C) Both conclusions I and II follow.

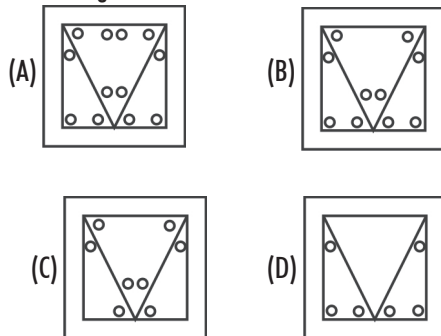
(D) Neither conclusion I nor II follows.

**Q.20.** A piece of paper is folded and cut as shown below in the question figures from the given answer figures, indicates how it will appear when opened?

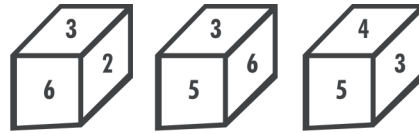
Question Figure



Answer Figure



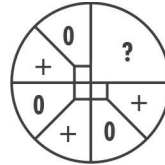
**Q.21.** Below are three forms of a dice shown in this figure which number will be on the opposite side of the number 6?



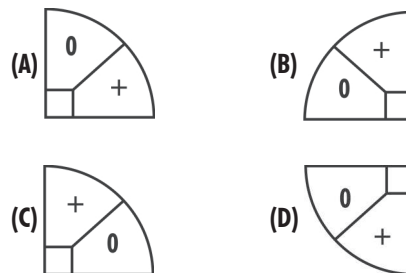
- (A) 3 (B) 4 (C) 5 (D) 6

**Q. 22** Which answer figure will be complete the pattern in the question figure?

Question Figure



Answer Figure



**Q.23-25.** A series is given with one/two term missing choose the correct alternative from the given ones that will complete the series.

**Q.23.** 3, 7, 15, 31, 63, 127, ?

- (A) 255 (B) 260 (C) 245 (D) 265

**Q.24.** -1, 2, 7, ?, 23, 34, 47

- (A) 13 (B) 12 (C) 14 (D) 15

**Q.25.** CFL, EIK, GLJ, IOI, ?

- (A) KRH (B) KRJ (C) JRH (D) KQH

## GENERAL STUDIES

**Q.26.** For a price taking firm, average revenue is \_\_\_\_\_ market price.

- (A) half of (B) equal to (C) double of (D) less than

**Q.27.** The study of individual markets of demand and supply in which the 'players', or the decision makers, were also individuals (buyers or sellers, even companies) who were seen as trying to maximize their profits (as producers or sellers) and their personal satisfaction or welfare levels (as consumers) is called?

- (A) Macro economics (B) Econometrics  
(C) Micro economics (D) Heterodox Economics

**Q.28.** In which year was Nationalist Congress Party (NCP) founded?

- (A) 1949 (B) 1999 (C) 1972 (D) 1997

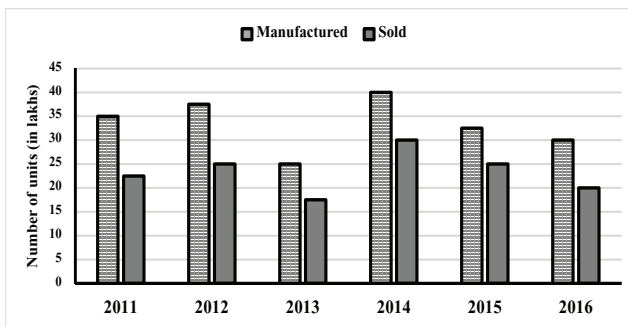
**Q.29.** Which Fundamental Right in the Indian Constitution states that every person has the right to practice, profess and propagate the religion of their choice?

- (A) Right to Equality (B) Right to Freedom  
(C) Right against Exploitation (D) Right to Freedom of Religion
- Q.30.** In 1917, Mahatma Gandhi organized a Satyagraha to support the peasants of the Kheda district of \_\_\_\_\_.  
(A) Bihar (B) Karnataka (C) Gujarat (D) West Bengal
- Q.31.** Which queen of the Kakatiya dynasty ruled over Warangal, part of modern Andhra Pradesh?  
(A) Rudramadevi (B) Ahilyadevi  
(C) Bhagwati (D) Bhanumati
- Q.32.** On the basis of distribution, resources can be classified into \_\_\_\_\_.  
(A) Actual resources (B) Potential resources  
(C) Ubiquitous resources (D) Abiotic resources
- Q.33.** Uranium found in Ladakh is an example of which type of resource?  
(A) Unnatural resources (B) Actual resources  
(C) Potential resources (D) Biotic resources
- Q.34.** Which is the longest bone in human body?  
(A) femula (B) Tibia (C) Stapes (D) Femur
- Q.35.** Opposite the micropylar end, is the \_\_\_\_\_, representing the basal part of the ovule.  
(A) Hilum (B) funicle (C) chalaza (D) nucellus
- Q.36.** In unicellular organisms, all functions like digestion, respiration and reproduction are performed by a how many cell(s)?  
(A) 1 (B) 2 (C) 3 (D) 4
- Q.37.** Which part of the plant gives us saffron?  
(A) Roots (B) Petals (C) Stem (D) Stigma
- Q.38.** What is the unit of resistance?  
(A) ohm (B) farad (C) henry (D) weber
- Q.39.** PET is a very familiar form of \_\_\_\_\_. It is used for making bottles.  
(A) Nylon (B) Acrylic (C) Polyester (D) Rayon
- Q.40.** Which of the following gases is heavier than oxygen?  
(A) Carbon dioxide (B) Ammonia  
(C) Methane (D) Helium
- Q.41.** In India, the Air (Prevention and Control of Pollution) Act came into force in 1981, but was amended in \_\_\_\_\_ to include noise as an air pollutant.  
(A) 1987 (B) 1997 (C) 2007 (D) 2017
- Q.42.** Who invented the vacuum pump?  
(A) Otto von Guericke (B) Cai Lun  
(C) Melitta Bentz (D) William Henry Fox Talbot
- Q.43.** Sanchi Stupa was built by?  
(A) Akbar (B) Humayun (C) Ashoka (D) Narasimha
- Q.44.** The Indian State of Sikkim does not share a border with which neighbouring country?  
(A) Nepal (B) Bangladesh (C) Bhutan (D) China
- Q.45.** Which amongst the following is not in the list of Maharatna?  
(A) Coal India Limited  
(B) Steel Authority of India Limited  
(C) Hindustan Petroleum Corporation Limited  
(D) Bharat Heavy Electricals Limited
- Q.46.** What is the literal meaning of the term "Quo-Warranto"?  
(A) We command  
(B) To forbid  
(C) By what authority (or) warrant  
(D) None of these
- Q.47.** C++ is \_\_\_\_\_.  
(A) An operating system (B) A programming language  
(C) software (D) None of these
- Q.48.** In which year did Kyoto Protocol came into force?  
(A) 2004 (B) 2005 (C) 2006 (D) 2007
- Q.49.** The 7th pay commission has retained the rate of annual increment of \_\_\_\_\_.  
(A) 2% (B) 2.57% (C) 3% (D) 3.5%
- Q.50.** Which of the following pair is INCORRECT?  
(A) Amjad Ali Khan - Tabla  
(B) Ustad Bismillah Khan - Shehnai  
(C) Hema Malini - Bharatnatyam  
(D) Shambhu Maharaj - Kathak

QUANTITATIVE APTITUDE

- Q.51.** If the ratio between the income of P: Q: R is 2: 3: 4 and the ratio between their savings is 1: 2: 3. If the ratio between the income and savings of P is 7: 3. Then find the ratio between their expenditures.  
(A) 1: 1: 1 (B) 3: 5: 7 (C) 7: 8: 9 (D) 8: 9: 10
- Q.52.** By giving 25% discount a trader earns 25% profit. If he sells the item at 10% discount. What is his profit?  
(A) 50 % (B) 45 % (C) 40 % (D) 10 %
- Q.53.** If twice the numerator of a fraction is increased by 20%, and thrice the denominator of the same fraction is decreased by 30%. Then the fraction becomes 24% of  $\frac{16}{21}$ , find the sum of the numerator and the denominator of the fraction.  
(A) 27 (B) 26 (C) 28 (D) 29
- Q.54.** Three friends Aanand, Bhanu and Charan started a business by investing amount in the ratio of 5: 7: 6 respectively. After a period of six month Charan withdraw half of the amount invested by him. If the amount invested by Aanand is Rs.40000 and the total profit earned at the end of one year is Rs.33000, what is Charan's share in profit?  
(A) Rs. 8500 (B) Rs. 8800 (C) Rs. 8000 (D) Rs.9000
- Q.55.** The cost of manufacturing an article is made up of materials, labour and overheads in the ratio 4: 3: 2. If the cost of labour is the product of square of the first odd prime number to first two odd prime numbers. Find the profit percent if the article is sold for Rs.540.  
(A)  $16\frac{2}{3}\%$  (B)  $66\frac{2}{3}\%$  (C) 52% (D)  $33\frac{1}{3}\%$
- Q.56.** If the difference between compound interest and simple interest on a certain sum of money at 4% per annum rate of interest in  $1\frac{1}{2}$  years as the interest is compounded half yearly is Rs.6.04, what is the sum?  
(A) Rs.4000 (B) Rs.5000 (C) Rs.6000 (D) Rs.8000
- Q.57.** A task was assigned to Abhishek, Amit and Anil to be completed by not more than seven days. Abhishek alone can complete the task in ten days. Amit alone can complete the task in twelve days and Anil alone can complete the task in fifteen days. All three of them worked for two days and Abhishek and Amit together worked for another two days. What portion of the task will remain after four days?  
(A)  $\frac{3}{10}$  (B)  $\frac{2}{15}$  (C)  $\frac{4}{9}$  (D)  $\frac{5}{16}$
- Q.58.** The average age of the students in a class is 14. The average age of half of the students in that class and the class teacher is 16. The average age of the remaining half of the students is 15. What is the number of students in that class?  
(A) 50 (B) 70  
(C) 80 (D) cannot be determined
- Q.59.** A two digit number exceeds forty percent of another two digit number by 16. If the sum of these two digit numbers is 72, which of the following is the difference between these two digit numbers?  
(A) 10 (B) 6 (C) 8 (D) 14
- Q.60.** Ashwin borrowed a sum of Rs.6, 300 from Mishra at the rate of 14% for 3 years. He then added some more money to the borrowed sum and lent it to Ramesh at the rate of 16% of simple interest for the same time. If Ashwin gained Rs.618/- in the whole transaction, then what sum did he lend to Ramesh?  
(A) Rs. 6600 (B) Rs.6800 (C) Rs. 4800 (D) Rs. 9800
- Q.61.**  $\triangle ABC$  is right angled at A.  $AB = 3$  units,  $AC = 4$  units and AD is perpendicular to BC. What is the area of the  $\triangle ADB$ ?  
(A)  $\frac{9}{25}$  sq. unit (B)  $\frac{54}{25}$  sq. unit  
(C)  $\frac{72}{25}$  sq. unit (D)  $\frac{96}{25}$  sq. unit
- Q.62.** If  $p^x = r^y = m$  and  $r^w = p^z = n$ , then which of the following is correct?  
(A)  $xw = yz$  (B)  $xz = yw$   
(C)  $x + y = w + z$  (D)  $x - y = w - z$
- Q.63.** A train crosses a telegraph post in 16 sec. and a bridge 400 m long in 48 sec. What is the length of the train?  
(A) 200 m. (B) 240 m. (C) 280 m. (D) 320 m.
- Q.64.** The length of the common chord of two circles of radii 15 cm and 20 cm, whose centres are 25 cm apart, is  
(A) 24 cm. (B) 25 cm. (C) 15 cm. (D) 20 cm.
- Q.65.** If  $\operatorname{cosec} 17^\circ = \frac{y}{x}$  then find the value of  $(\sec 17^\circ - \sin 73^\circ)$  is-  
(A)  $\frac{x^2}{y\sqrt{x^2 - y^2}}$  (B)  $\frac{y^2}{x\sqrt{x^2 - y^2}}$   
(C)  $\frac{y^2}{x\sqrt{y^2 - x^2}}$  (D)  $\frac{x^2}{y\sqrt{y^2 - x^2}}$
- Q.66.** If  $\frac{\sec \theta + \tan \theta}{\sec \theta - \tan \theta} = \frac{2 + \sqrt{3}}{2 - \sqrt{3}}$  then the value of  $\theta$  in circular measure will be  
(A)  $\frac{\pi}{2}$  (B)  $\frac{\pi}{3}$  (C)  $\frac{\pi}{4}$  (D)  $\frac{\sqrt{3}}{2}$
- Q.67-69** Study the following graph carefully and answer the questions.





- Q.67.** What is the difference between the number of unsold units of the company in the year 2013 and the number of unsold units of the company in the year 2016?  
(A) 2.5 (B) 3 (C) 3.5 (D) 5
- Q.68.** What is the approximate average number of units manufactured by the company over the years?  
(A) 28 lakh (B) 30 lakh (C) 33 lakh (D) 35 lakh
- Q.69.** What is the respective ratio of the number of units manufactured by the company in the year 2014 and the number of units sold by the company in the year 2015?  
(A) 8 : 5 (B) 3 : 2 (C) 2 : 7 (D) 7 : 2
- Q.70.** The sum of radius of the base and height of a cylinder is 37 cm. If the total surface area of the cylinder is  $1628 \text{ cm}^2$ . Find the volume of the cylinder.  
(A)  $3620 \text{ cm}^3$  (B)  $4800 \text{ cm}^3$  (C)  $4620 \text{ cm}^3$  (D)  $5400 \text{ cm}^3$
- Q.71.** In the triangle ABC,  $AB = 6$ ,  $BC = 8$  and  $AC = 10$ . A

perpendicular dropped from B, meets the side AC at D. A circle of radius BD (with center B) is drawn. If the circle cuts AB and BC at P and Q respectively, the AP : QC is equal to

- (A) 1 : 1 (B) 3 : 2 (C) 4 : 1 (D) 3 : 8

- Q.72.** If  $b = \frac{c + d^2}{c}$  and  $a = \frac{c}{d^2}$ , what is the value of b in terms of a?  
(A)  $1 + \frac{1}{a}$  (B)  $1 + a$  (C)  $\frac{1}{1 + a}$  (D)  $\frac{a}{1 + a}$

- Q.73.** If surface area and volume of a sphere are S and V respectively, then value of  $\frac{S^3}{V^2}$ .

- (A)  $18\pi$  units (B)  $27\pi$  units  
(C)  $32\pi$  units (D)  $36\pi$  units

- Q.74.**  $\sqrt{\frac{1}{\sqrt{4} - \sqrt{3}} - \frac{1}{\sqrt{3} + \sqrt{2}} + \frac{1}{\sqrt{2} - 1}}$  is equal to

- (A)  $\sqrt{\sqrt{3} + \sqrt{2}}$  (B)  $1 + \sqrt{2}$   
(C)  $\sqrt{3}$  (D)  $\sqrt{2}(\sqrt{2} - \sqrt{3})$

- Q.75.** In a circle with centre O, AOC is the diameter of circle, BD is chord and meets OB and CD. If  $\angle AOB = 130^\circ$  then  $\angle BDC$  equals to-  
(A)  $30^\circ$  (B)  $25^\circ$  (C)  $50^\circ$  (D)  $60^\circ$

## ENGLISH COMPREHENSION

- Q.76-78.** In the following questions improve the bracketed part of the sentence.
- Q.76.** The room is (smoky).  
(A) by smokes (B) filled with smoke  
(C) with smokes (D) no improvement
- Q.77.** The fashion was executed and (I also very much liked its theme).  
(A) its theme was conveyed  
(B) and the executing of the fashion shows theme  
(C) I really like its theme  
(D) no improvement
- Q.78.** The train is running (late) time.  
(A) after (B) behind  
(C) off (D) no improvement
- Q.79-81.** In the following questions sentences are given with blanks to be filled in with an appropriate word. Four alternatives are

suggested for each question. Choose the correct alternative out of the four and mark your answer.

- Q.79.** I saw a \_\_\_\_\_ of cattle grazing in the meadow.  
(A) bunch (B) litter (C) group (D) herd
- Q.80.** Our flight was \_\_\_\_\_ from Jaipur to Agra airport.  
(A) deflected (B) diverted (C) reverted (D) shifted
- Q.81.** In these days of inflation we all have to \_\_\_\_\_ our belts.  
(A) lesson (B) strengthen (C) tighten (D) shorten
- Q.82-84.** In questions below out of the four alternatives, choose the one which can be substituted for the given sentence and mark it as your answer.
- Q.82.** A vivacious and lively experience is said to be.  
(A) Soothing (B) Synthetic (C) Scenic (D) Scintillating
- Q.83.** To try to settle a dispute between two other parties.  
(A) Mediate (B) Meditate (C) Meddle (D) Medicate
- Q.84.** A fourteen-line poem.

(A) Lyric (B) Ode (C) Sonnet (D) Ballad  
**Q.85-87.** In the questions given below, choose the word most similar in meaning to the given word and mark your answer.

**Q.85.** Admonish

(A) Annoy (B) Displease (C) Chide (D) Irritate

**Q.86.** Sedentary

(A) Fixed (B) Inactive (C) Still (D) Unmoving

**Q.87.** Transient

(A) Irregular (B) Temporary  
 (C) Ephemeral (D) Unstable

**Q.88-90.** In the questions given below, choose the word most opposite in meaning to the given word and mark your answer.

**Q.88.** Rejoice

(A) Refuse (B) Lament (C) Dislike (D) Deceive

**Q.89.** Fit

(A) Unhealthy (B) Undesirable  
 (C) Delicate (D) Harmful

**Q.90.** Predominant

(A) Extreme (B) Ordinary  
 (C) Insignificant (D) Superior

**Q.91-93.** In the following questions groups of four words are given. In each group, one word is correctly-spelt. Find the correctly-spelt word and mark your answer.

**Q.91.** (A) Lithargy (B) Lethargi

(C) Lethargy (D) Lethargy

**Q.92.** (A) Amnesia (B) Emnesia

(C) Amnisia (D) Amnesiya

**Q.93.** (A) Mescellaneous (B) Miscellanoeous

(C) Miscillaneous (D) Miscellaneous

**Q.94-96.** In the following questions some have error and some have none. Find out which part of a sentence has an error and mark the answer to the appropriate letter (A),(B) and C). If there is no error, mark your answer as (D).

**Q.94.** According to my opinion (A)/ she is the best candidate(B)/ for the job.(C)/ no error (D)

**Q.95.** By and large (A)/ people are judged by(B)/ how much they earn. (C)/ no error (D)

**Q.96.** He is working on (A)/ his project when (B)/ his computer crashed. (C)/ no error (D)

**Q.97-100.** In the following passage from question Nos. 97 to 100, some of the words have been left out. First read the passage over and try to understand what it is about. Then fill in the blanks with the help of the alternatives given.

Every citizen analyse, discuss and attempt to cross check and verify the news that come to him through multiple sources. Media must therefore make an \_\_\_\_\_ (97) effort to maintain credibility. Healthy competition among credible media platforms is also good for health of our democracy.

Recalling the publications of Ram Mohan Roy, Lokmanya Tilak and Mahatma Gandhi and the high ideals of the founding pioneers, the PM said many papers published in that day continued to flourish today.

"After Independence, the rise of citizens gained importance in public discourse. Unfortunately, in our times, we seem to have \_\_\_\_\_ (98) our individual collective sense of duty. This is in one way contributed to several ills that plague the society," he said. He said the role of vernacular newspapers remains important today, as it was at that time. Content that is easily understood by people caters to the vulnerable and \_\_\_\_\_ (99) disadvantaged group and can never \_\_\_\_\_ (100) underestimated.

**Q.97.** Choose the correct option for (97)

(A) innocuous (B) extra  
 (C) innovation (D) irregular

**Q.98.** Choose the correct option for (98)

(A) give (B) neglected (C) taken (D) forge

**Q.99.** Choose the correct option for (99)

(A) socially (B) initially  
 (C) brutally (D) psychologically

**Q.100.** Choose the correct option for (100)

(A) do (B) be (C) being (D) bees





QUANTITATIVE APTITUDE

Q.51.(D) P: Q: R = 2: 3: 4 = 14: 21: 28 (Income ratio)

P: Q: R = 1: 2: 3 = 6: 12: 18 (Savings ratio)

P = 7: 3 = 14: 6 (Income: Savings)

Required ratio = 8: 9: 10

Q.52.(A) Let the C.P = x

$$S.P = \frac{x \times 125}{100} = \frac{5x}{4}$$

$$\text{Marked price} = \frac{5x}{4} \times \frac{100}{75} = \frac{5x}{3}$$

New rate of discount = 10%

$$\text{New S.P} = \frac{5x}{3} \times \frac{90}{100} = \frac{3x}{2}$$

$$\text{Profit} = \frac{3x}{2} - x = \frac{x}{2}$$

$$\% \text{ Profit} = \frac{\frac{x}{2}}{x} \times 100 = 50\% = 50\%$$

Q.53.(D) Let the numerator and the denominator of a fraction be x and y respectively

$$\text{Then, fraction} = \frac{x}{y}$$

According to the question,

$$\frac{2x \times \frac{120}{100}}{\frac{70}{100}} = \frac{16}{21} \times 24\%$$

$$\frac{3y \times \frac{120}{100}}{\frac{70}{100}} = \frac{16}{21} \times 24\%$$

$$\frac{2x \times 12}{3y \times 7} = \frac{24}{100} \times \frac{16}{21}$$

$$\frac{x}{y} = \frac{4}{25}$$

Q.54.(D)

Q.55.(D)  $3 = (3)^2 \times 3 \times 5$

$$= 9 \times 15 = 135$$

$$1 = 45$$

Total cost of production of the article =  $9 \times 45 = \text{Rs.} 405$

$$\% \text{ profit} = \frac{(540 - 405)}{405} \times 100 = 33 \frac{1}{3} \%$$

Q.56.(B)

$$P = 6.04 \times \left( \frac{100}{2} \right)^2 \left( \frac{100}{2 + 300} \right) = 5000$$

Q.57.(B)

1 day's work of (Abhishek + Amit + Anil)

$$= \frac{1}{10} + \frac{1}{12} + \frac{1}{15} = \frac{15}{60}$$

2 day's work of (Abhishek + Amit + Anil)

$$= \frac{15}{60} \times 2 = \frac{15}{30} = \frac{1}{2}$$

$$1 \text{ day's work of (Abhishek + Amit)} = \frac{1}{10} + \frac{1}{12} = \frac{11}{60}$$

$$2 \text{ day's work of (Abhishek + Amit)} = \frac{11}{60} \times 2 = \frac{11}{30}$$

$$\text{Remaining work of 4 days} = 1 - \frac{1}{2} + \frac{11}{30} = \frac{2}{15}$$

Q.58.(B)

Cannot be determined

Q.59.(C)

Let first two digit no. and second two digit no. be x and y respectively.

$$x = y \times 40/100 + 16$$

$$x - \frac{2y}{5} = 16 \dots (i) \quad x + y = 72 \dots (ii)$$

From equation (i) and (ii)

$$x = 32, y = 40$$

$$\text{Difference} = 8$$

Q.60.(B)

Suppose Ashwin lend Rs. x to Ramesh then,

$$x \times 16 \times \frac{3}{100} - (x - 6300) \times 14 \times \frac{3}{100} = 618 \dots (1)$$

From equation I, x = Rs. 6800

Q.61.(B)

Q.62.(A)

$$p^x = r^y \Rightarrow r = p^{x/y} \dots (I)$$

$$p^z = r^w \Rightarrow r = p^{z/w} \dots (II)$$

$$p^{x/y} = p^{z/w} \Rightarrow \frac{x}{y} = \frac{z}{w} \Rightarrow xw = yz$$

Q.63.(A)

Let the speed of train be x m/sec. and length be y m.

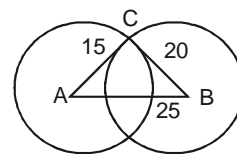
$$\Rightarrow 16 = \frac{y}{x} \Rightarrow y = 16x \dots (I)$$

$$\Rightarrow \text{and } 48 = \frac{y + 400}{x} \Rightarrow 48x = y + 400$$

$$\Rightarrow 48x = 16x + 400 \Rightarrow 32x = 400$$

$$\Rightarrow x = \frac{25}{2}, y = 16 \times \frac{25}{2} = 200 \text{ m.}$$

Q.64.(A)



Let the chord = x cm

$$\frac{1}{2} \times 15 \times 20 = \frac{1}{2} \times \frac{x}{2} \times 25 \quad x = 24 \text{ cm.}$$

Q.65.(D)  $\sin 17^\circ = \frac{x}{y} \Rightarrow \cos 17^\circ = \sqrt{1 - \frac{x^2}{y^2}} = \frac{\sqrt{y^2 - x^2}}{y}$

Now,  $(\sec 17^\circ - \sin 73^\circ)$

$$\frac{1}{\cos 17^\circ} - \cos 17^\circ = \frac{1 - \cos^2 17^\circ}{\cos 17^\circ}$$

$$\frac{\sin^2 17^\circ}{\cos 17^\circ} = \frac{\left(\frac{x}{y}\right)^2}{\frac{\sqrt{y^2 - x^2}}{y}} = \frac{x^2}{y\sqrt{y^2 - x^2}}$$

Q.66.(B) Applying Componendo and Dividendo rule, we get

$$\frac{(\sec \theta + \tan \theta) + (\sec \theta - \tan \theta)}{(\sec \theta + \tan \theta) - (\sec \theta - \tan \theta)} = \frac{(2 + \sqrt{3}) + (2 - \sqrt{3})}{(2 + \sqrt{3}) - (2 - \sqrt{3})}$$

$$\frac{2\sec \theta}{2\tan \theta} = \frac{4}{2\sqrt{3}}$$

$$\frac{1}{\sin \theta} = \frac{2}{\sqrt{3}} \Rightarrow \sin \theta = \frac{\sqrt{3}}{2} = \sin \frac{\pi}{3}, \quad \theta = \frac{\pi}{3}$$

Q.67.(A) Unsold unit = Manufactured unit - sold unit  
In 2016 = 30,00,000 - 20,00,000 = 10,00,000  
In 2013 = 25,00,000 - 17,50,000 = 7,50,000  
Reqd. answer = 10,00,000 - 7,50,000 = 2,50,000

Q.68.(C) Required Average  
$$= \frac{35 + 37.5 + 25 + 40 + 32.5 + 30}{6} = \frac{200}{6}$$

$$= 33.33 \text{ lakh} = 33 \text{ lakh}$$

Q.69.(A) Required ratio = 40 : 25 = 8 : 5

Q.70.(C) Total surface area =  $2\pi r(h + r)$

$$1628 = 2\pi r(h + r)$$

$$2\pi r = 44$$

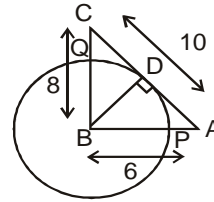
$$\pi r = 22$$

$$r = 7 \text{ cm.} \quad h = 37 - 7 = 30 \text{ cm.}$$

$$\text{Volume of the cylinder} = \pi r^2 h$$

$$= \frac{22}{7} \times 7 \times 7 \times 30 = 4620 \text{ cm}^3$$

Q.71.(D)



$$\text{Thus, } \frac{1}{2} \times BC \times AB = \frac{1}{2} \times BD \times AC$$

$$\text{Or, } 6 \times 8 = BD \times 10.$$

$$\text{Thus, } BD = 4.8.$$

$$BP = BQ = 4.8.$$

$$AP = AB - BP = 6 - 4.8 = 1.2 \text{ and } CQ = BC - BQ = 8 - 4.8 = 3.2.$$

$$\text{Thus, } AP : CQ = 1.2 : 3.2 = 3 : 8$$

Q.72.(D)

$$b = \frac{c+d^2}{c}$$

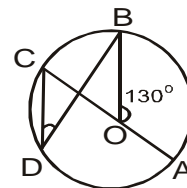
$$b = 1 + \frac{d^2}{c} = 1 + \frac{1}{a}$$

Q.73.(D)

Q.74.(B)

$$\begin{aligned} & \sqrt{\frac{1}{\sqrt{4}-\sqrt{3}} \cdot \frac{1}{\sqrt{3}+\sqrt{2}} + \frac{1}{\sqrt{2}-1}} = \sqrt{\sqrt{4}+\sqrt{3} \cdot (\sqrt{3}-\sqrt{2}) + (\sqrt{2}+1)} \\ & = \sqrt{\sqrt{4}+\sqrt{3}-\sqrt{3}+\sqrt{2}+\sqrt{2}+1} \\ & = \sqrt{3+2\sqrt{2}} \\ & = \sqrt{(\sqrt{2})^2 + 1 + 2\sqrt{2}} \\ & = \sqrt{(\sqrt{2}+1)^2} = 1 + \sqrt{2} \end{aligned}$$

Q.75.(B)



$$\angle AOB = 130^\circ, \quad \angle BOC = 180^\circ - \angle AOB = 50^\circ$$

$$\angle BDC = \frac{1}{2} \angle BOC = \frac{1}{2} \times 50 = 25^\circ$$

## ENGLISH COMPREHENSION

Q.76.(B)	Q.77.(A)	Q.78.(B)	Q.79.(D)	Q.80.(B)	Q.94.(A)	use 'In my opinion or According to me' in place of 'According to my opinion'.
Q.81.(C)	Q.82.(D)	Q.83.(A)	Q.84.(C)	Q.85.(C)	Q.95.(D)	no error
Q.86.(B)	Q.87.(C)	Q.88.(B)	Q.89.(A)	Q.90.(C)	Q.96.(A)	use 'was' in place of 'is'.
Q.91.(D)	Q.92.(A)	Q.93.(D)			Q.97.(B)	Q.98.(B)    Q.99.(A)    Q.100.(B)

# TOP NOTCH CAPTIVATORS OF THE MONTH

1



Piped Natural Gas (PNG) supply launched in Bhubaneswar.

6



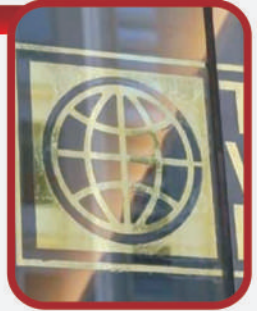
Forbes list of Asia's Richest Families 2017 released: Ambani family tops the list.

2



IAF Landing Operations held at Agra- Lucknow Expressway.

7



India ranks 100<sup>th</sup> in Doing Business Report 2018.

3



International Conference on Green Initiatives & Railway Electrification.

8



India slips to 7th position in Business Optimism Ranking.

4



Assam Government provides Industry states to tourism sector in its new tourism policy.

9



Virat Kohli becomes fastest batsman to break 9000-run mark.

5



WHO removes Robert Mugabe as Goodwill Ambassador.

10



World's oldest navigational tool 'Astrolabe' discovered.



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