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Compiled & Edited by
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PAPER PATTERN

PAPER-I

Subject	Maximum Marks	Time Duration	Total Duration/Timing for Visually Handicapped/ Cerebral Palsy
General Intelligence & Reasoning (25 Questions)	25		
Numerical Aptitude (25 Questions)	25	90 Minutes	120 Minutes
General English (50 Questions)	25		
General Awareness (50 Questions)	25		

PAPER-II

Subject	Maximum Marks	Total Duration/ Timing for General Candidates	Total Duration/Timing for Visually Handicapped/ Cerebral Palsy
Short Essay/Letter in English or any language included in the 8th schedule of the Constitution.	50	30 Minutes	45 Minutes

There will be negative marking of 0.25 marks for each wrong answer. Candidates are, therefore, advised to keep this in mind while answering the questions.

Current Affairs

NATIONAL

UNION BUDGET 2022-23

Finance Minister Nirmala Sitharaman presented the Union Budget 2022-23 on February 1, 2022. With a focus on four pillars of development — *inclusive development, Productivity enhancement, energy transition* and *Climate Action*.

This Budget 2022-23 gives a blueprint of economy from *India at 75* to *India at 100* (Amrit Kaal).

Provisions

- Budget Estimates of ₹ 39.45 lakh crore total expenditure in 2022-23 in Budget. Budget Estimates 2021-22 was ₹ 34.83 lakh crore and Revised Estimates 2021-22 is ₹ 37.70 lakh crore.
- Outlay for capital expenditure stepped up sharply by 35.4% to ₹ 7.50 lakh crore in 2022-23 from ₹ 5.54 lakh crore in the current year (2021-22).
- India's real GDP is estimated to grow by 9.2% in 2021-22, as compared to a contraction of 7.3% in 2020-21.
- The Fiscal Deficit in 2022-23 is estimated at 6.4% of GDP.
- In 2020-21 (as per 4th Advance Estimates), total food grain production in the country is estimated at 308.7 million tonnes which is higher by 11.1 million tonnes than the production of food grain of 297.5 million tonnes during 2019-20.
- Both Centre and States government employees' **tax deduction limit to be increased** from 10% to 14% to help the social security benefits of state government employees.
- For the taxation of virtual digital assets, the budget provides that any income from transfer of any virtual digital asset shall be taxed at the rate of 30%.
- 100% of 1.5 lakh **post offices to come on the core banking system** and Scheduled Commercial Banks to set up 75 **Digital Banking Units (DBUs)** in 75 districts.
- **Digital rupee** to be issued using block chain and other technologies and will be issued by RBI starting 2022-23. This will give big boost to the economy.
- Introducing new **Updated return** on payment of additional tax and Can be filed within two years from the end of the relevant assessment year.

- Surcharge on cooperative societies reduced from 12% to 7% for those having total income of more than ₹ 1 crore and up to ₹ 10 crore.
- **No changes in tax slab** and Payment of annuity and lump sum amount from insurance scheme to be allowed to differently abled dependent during the lifetime of parents/guardians, i.e., on parents/guardian attaining the age of 60 years.
- Public issue of Life Insurance Corporation expected shortly and **5G spectrum auctions** to be conducted in 2022.

Announcements

- **60 lakh new jobs** to be created under the Productivity Linked Incentive (PLI) scheme in 14 sectors.
- **One class-One TV channel** programme of PM eVIDYA to be expanded to 200 TV channels.
- Udyam, e-shram, NCS and ASEEM portals to be interlinked.
- Guarantee cover under ECLGS to be expanded by ₹ 50000 crore to total cover of ₹ 5 lakh crore.
- **National Highways** Network to be **expanded by 25000 km** in 2022-23 under Gatishakti Master Plan.
- **400 new generation Vande Bharat Trains** to be manufactured during the next three years.
- National Ropeways Development Program, **Parvatmala** to be taken up on PPP mode and Contracts to be awarded in 2022-23 for 8 ropeway projects of 60 km length.
- **Digital University** for world-class quality universal education with personalised learning experience to be established.
- **National Tele Mental Health Programme** for quality mental health counselling and care services to be launched.
- Two lakh anganwadis to be upgraded to **Saksham Anganwadis**.
- ₹ 60000 crore allocated to cover 3.8 crore households under **Har Ghar, Nal se Jal** and ₹ 48000 crore allocated for completion of 80 lakh houses under PM Awas Yojana in 2022-23.
- Special Economic Zones Act to be replaced with a new legislation to enable States to become partners in **Development of Enterprise and Service Hubs**.

ECONOMIC SURVEY 2021-22

Finance Minister Nirmala Sitharaman tabled the Economic Survey 2021-22 in the Parliament on January 31, 2022. A Central theme of a survey in amidst pandemic has been **Agile Approach.**

Highlights

- The survey estimate nominal GDP growth of 8-8.5 % and real GDP growth of 9.2% in 2022-23.
- Agriculture and Allied Sectors are expected to grow by 3.9%, industry by 11.8% and the services sector by 8.2% in 2021-22.
- The Agriculture sector experienced buoyant growth in past two years, accounting for a sizeable 18.8% (2021-22) in Gross Value Added (GVA) of the country registering a growth of 3.6% in 2020-21 and 3.9% in 2021-22.
- Food inflation averaged at a low of 2.9% in 2021-22 (April to December).
- Capital expenditure for the Indian railways has increased to ₹ 155181 crore in 2020-21 from an average annual of ₹ 45980 crore during 2009-14.
- The extent of road construction per day increased substantially in 2020-21 to 36.5 km per day from 28 km per day in 2019-20 – a rise of 30.4%.
- The number of new recognised start-ups increased to over 14000 in 2021-22 from 733 in 2016-17.
- 44 Indian start-ups have achieved unicorn status in 2021.
- With the enhanced borrowings on account of COVID-19, the Central Government debt has gone up from 49.1% of GDP in 2019-20 to 59.3% of GDP in 2020-21.
- As of end-November 2021, India was the fourth-largest forex reserves holder in the world after China, Japan and Switzerland.
- As per the National Family Health Survey-5 : Total Fertility Rate (TFR) came down to 2 in 2019-21 from 2.2 in 2015-16; Infant Mortality Rate (IMR), under-5 mortality rate and institutional births have improved in 2019-21 over the year 2015-16.

73rd Republic Day Celebrations

India celebrated its 73rd Republic Day on January 26, 2022. The occasion was marked by a grand military parade at Rajpath (Delhi), showcasing the country's history, cultural diversity and strategic weapons. The biggest highlight of this year's parade was the flypast of 75 aircrafts and helicopters as India celebrates the 'Azadi Ka Amrit Mahotsav- 75 Years of Independence'.

A mega drone show of 1000 drones dazzled the skies on January 29 during the 'Beating the Retreat' ceremony at Vijay Chowk in the national capital as part of Republic Day celebrations 2022.

India became the fourth country in the world after Britain, Russia and China to dazzle 1000 drones in the sky during the Beating Retreat ceremony.

Culture Ministry Organised Rangoli Utsav 'Umang'

Ministry of Culture organised Rangoli Utsav 'Umang' to celebrate National Girl Child Day under Azadi ka Amrit Mahotsav on January 24, 2022. Rangoli decorations at more than 70 locations were done to celebrate the contributions of women to the journey of a progressive India@75.

Netaji Subhas Chandra Bose's Hologram Statue Installed

PM Narendra Modi has unveiled a hologram statue of iconic freedom fighter Netaji Subhas Chandra Bose at India Gate, New Delhi on January 23, 2022. The Netaji statue will be 28 feet by 6 feet and will stand at the spot that once featured a statue of England's King George V that was removed and shifted in 1968.

District Good Governance Index Released

Union Home Minister Amit Shah has released first District Good Governance Index for 20 Districts of UT of Jammu and Kashmir on January 22, 2022. The top 5 districts in the District Good Governance Index are Jammu, Doda, Samba, Pulwama and Srinagar.

Amar Jawan Jyoti Eternal Flame Merged with National War Memorial Flame

The government of India has merged the Amar Jawan Jyoti flame at India Gate with the flame at the newly constructed National War Memorial in the same complex on January 21, 2022. The ceremony was led by the Integrated Defence Staff chief, Air Marshal Balabhadra Radha Krishna.

PM Modi Inaugurates Launch of 'Azadi Ke Amrit Mahotsav se Swarnim Bharat Ki Ore'

PM Narendra Modi inaugurated the launch of 'Azadi Ke Amrit Mahotsav se Swarnim Bharat Ki Ore' via video conferencing on January 20, 2022. The program unveiled yearlong initiatives dedicated to Azadi Ka Amrit Mahotsav by the Brahma Kumaris, which include more than 30 campaigns and over 15000 programs and events.

PM will Deliver 'State of the World' Address at WEF's Davos Agenda

PM Narendra Modi will deliver a 'State of the World' special address at the World Economic Forum's virtual summit 'Davos Agenda' on January 17, 2022. WEF Davos Agenda event is being held in virtual mode, amid the COVID-19 pandemic, from January 17 to 21, 2022 on the theme of 'The State of the World.'

January 16 Declared as National Startup Day

PM Narendra Modi declared that January 16 will be celebrated as 'National Startup Day', while interacting with over 150 startups on January 15, 2022. The interaction was part of Azadi Ka Amrit Mahotsav, 'Celebrating Innovation Ecosystem,' a week-long event hosted by Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry.

India State of Forest Report 2021

The Union Ministry of Environment, Forests and Climate Change (MoEFCC) released the India State of Forest Report (ISFR) 2021 on January 14, 2022. India's forest cover is now 713789 square kilometres, 21.71% of the country's geographical area, an increase from 21.67% in 2019.

PM Modi Inaugurated MSME Technology Centre

PM Narendra Modi inaugurated a Technology Centre of the MSME Ministry, established at Puducherry, on the occasion of National Youth Day on January 12, 2022. The technology centre was built at a cost of ₹ 122 crore with a focus on the Electronic System Design and Manufacturing Sector.

16th India Digital Summit 2022

Union Minister of Commerce & Industry Piyush Goyal addressed the 16th edition of India Digital Summit, 2022 through a video conference on January 11-12, 2022. The two-day virtual event was organised by the Internet and Mobile Association of India (IAMAI) with the theme 'Supercharging Startups'.

December 26 will be Observed as 'Veer Baal Diwas'
PM Narendra Modi has declared that 26 December will be observed as 'Veer Baal Diwas' annually starting from the year 2022; on January 9, 2022. The day will be commemorated as a tribute to the courage of the 4 Sahibzades (the four sons of Guru Gobind Singh Ji), who attained martyrdom in the 17th century.

National Health Mission Launched Project 'Niramay'
National Health Mission (NHM), Assam in collaboration with Piramal Swasthya, a non-profit organisation, and Cisco launched a pilot project 'Niramay' to digitise the public healthcare delivery in Assam on January 8, 2022.

The project aims to strengthen the health system at the grassroots level and improve the quality of healthcare along with healthcare delivery.

24th Conference on e-Governance 2020-21
Union Minister of Science and Technology, Dr. Jitendra Singh has inaugurated the 24th National Conference on e-Governance in Hyderabad, Telangana on January 7, 2022. The theme of the two-day Conference is 'India's Techade: Digital Governance in a Post Pandemic World'.

Election Dates Announced for Five States
The Election Commission of India (ECI) on January 8, 2022 announced the schedule for Assembly Elections in Uttar Pradesh, Punjab, Uttarakhand, Manipur and Goa. The elections will be held in seven phases from February 10 to March 7. Votes for all five Assembly Elections will be counted on March 10.

NEAT 3.0 Launched
Union Education Minister Dharmendra Pradhan launched NEAT 3.0, a single platform to provide the best-developed Ed-Tech solutions and courses to students of the country on Jan. 3, 2022.

National Educational Alliance for Technology (NEAT) is an initiative to provide the use of best-developed technological solutions in the education sector to enhance the employability of the youth on a single platform for learners' convenience.

COVID-19 Vaccination Programme for 15-18 Years
India started its vaccination programme against COVID-19 for children from January 3, 2022. Bharat Biotech's Covaxin is the only vaccine available for children between the age of 15 and 18 years. Covaxin will be administered in two doses at a gap of 28 days.

Foundation Laid for Major Dhyan Chand Sports University
PM Narendra Modi laid the foundation stone of Major Dhyan Chand Sports University in Meerut, Uttar Pradesh on January 2, 2022. The University will be established at Salawa and Kaili villages on the outskirts of the Sardhana town of the district at an estimated cost of about ₹ 700 crore.

India to Chair Counter- Terrorism Committee of UNSC
India has assumed the chairmanship of the United Nations Security Council's Counter-Terrorism Committee for one year, beginning from January 1, 2022. Prior to this, India held the chairmanship of the committee in 2011-12. In addition to this, India has also voted in favour of the UNSC resolution to renew the mandate of the Counter-Terrorism Committee Executive Directorate.

ARIIA Rankings 2021 Released
Ministry of Education has released Atal Rankings of Institutions on Innovation Achievements (ARIIA) 2021 on December 30, 2021. IIT Madras has again emerged as the best institute under the "CFTIs, Central University, & Institute of National Importance" category followed by IIT Bombay and IIT Delhi. Among government technical universities – state run and deemed – Punjab University has been ranked number one.

First Kashi Indian International Film Festival
The first edition of the three-day Kashi Indian International Film Festival commenced in Uttar Pradesh's Varanasi on December 27, 2021. The festival showcased glimpses of Indian classical music and dance and events on famous philosophers, poets, writers and musicians.

Good Governance Index 2021
Home Minister Amit Shah released the Good Governance Index 2021 prepared by the Department of Administrative Reforms and Public Grievances (DARPG) on December 25, 2021.

Top Ranked States
Other States – Group A Gujarat, Maharashtra and Goa.
Other States – Group B Madhya Pradesh, Rajasthan and Chhattisgarh.
North-East and Hill States Himachal Pradesh, Mizoram and Uttarakhand.
Union Territories Delhi

3rd India-Central Asia Dialogue Held
The 3rd meeting of the India- Central Asia Dialogue was held in New Delhi under the chairmanship of the External Affairs Minister of India, on Dec.19, 2021.

Parliament Passed NDPS Amendment Bill, 2021
The Parliament passed the Narcotics Drugs and Psychotropic Substances (Amendment) Bill, 2021 on December 20, 2021. It seeks to replace the Narcotic Drugs and Psychotropic Substances (Amendment) Ordinance, 2021.

The Bill amends the Narcotic Drugs and Psychotropic Substances Act, 1985 to correct a drafting error.

India International Science Festival 2021
Union Minister Dr. Jitendra Singh inaugurated the 7th edition of the four-day India International Science Festival (IISF) in Panaji, Goa, held from December 10 to 13, 2021. The theme of IISF 2021 was Celebrating Creativity in Science, Technology and Innovation for Prosperous India.

Parliament Passed Elections Laws (Amendment) Bill 2021
The Elections Laws (Amendment) Bill 2021 was passed in the Parliament after getting assent from the Rajya Sabha on December 21, 2021. This bill provides for linking of Voter ID card with Aadhaar card to prevent duplication in the electoral rolls.

Foundation Stone Laid for Ganga Expressway
Prime Minister Narendra Modi laid the foundation stone of the India's longest highway, 'the Ganga Expressway' in Shahjahanpur, Uttar Pradesh on December 18, 2021. The six-lane 594 km long expressway will be built at a cost of about ₹ 36200 crore and will connect the Western and Eastern regions of UP.

India Re-elected to IMO Council

India has been re-elected to International Maritime Organisation (IMO) Council for the 2022-23 biennium under category B states.

The Assembly of the International Maritime Organisation has elected the Members of its Council for the 2022-23 biennium.

Durga Puja In UNESCO's
'Intangible Cultural Heritage' list

The UNESCO has added Kolkata's Durga Puja festival to its 'Representative List of the Intangible Cultural Heritage of Humanity' on December 15, 2021.

It is the first festival in Asia to achieve recognition as UNESCO Intangible Cultural Heritage of Humanity. In total, 14 Intangible Cultural Heritage elements from India have now been inscribed on UNESCO's Representative List.

National Helpline Against Atrocities on SCs/STs

Union Minister for Social Justice and Empowerment Dr. Virendra Kumar has launched a National Helpline Against Atrocities (NHAA) on SCs/STs on December 13, 2021.

The Helpline is now available round the clock on toll-free number '14566' across the country in Hindi, English and regional language of the State/UTs.

Kashi Vishwanath DHAM Project Inaugurated

PM Narendra Modi inaugurated the first phase of the Kashi Vishwanath Corridor project (Kashi Vishwanath Dham project), in Varanasi, Uttar Pradesh, on December 13, 2021. The Phase 1 of Shri Kashi Vishwanath Dham has been constructed at a cost of ₹ 339 crore.

Saryu Canal National Project Inaugurated

PM Narendra Modi has inaugurated Saryu Canal National Project in Balrampur, Uttar Pradesh on December 11, 2021.

The project will provide assured water for irrigation to over 14 lakh hectares of land and benefit about 29 lakh farmers in Uttar Pradesh.

Haiderpur Wetland Recognised as Ramsar Site

Uttar Pradesh's Haiderpur wetland has been added to the list of Indian wetlands of international importance on December 9, 2021.

Haiderpur wetland is human-made wetland covering an area of 6908 hectares and was formed in 1984 after the construction of the Madhya Ganga Barrage on the floodplains of Ganga.

NIPER (Amendment) Bill, 2021 Passed

The Parliament on December 10, 2021 passed the National Institute of Pharmaceutical Education and Research (Amendment) Bill, 2021. The Bill amends the 1998 law to provide for a Council to coordinate activities among the institutes and also ensure development of pharmaceutical education and research standards.

Russian President Visit to India

Russia President Vladimir Putin visited India on December 6, 2021. During the visit, he participated in the 21st India-Russia (Annual) Summit in New Delhi with his counterpart PM Narendra Modi. Indian PM and Russian President signed 28 agreements in different sectors Including trade, energy, science and technology, intellectual property, outer space, geological exploration, cultural exchange, and education.

Survey Vessel 'Sandhayak' Launched

'Sandhayak', the first of the four Survey Vessels (Large) project being built for the Indian Navy, was launched in Kolkata on December 5, 2021. These vessels have been designed and developed by Garden Reach Shipbuilders and Engineers (GRSE) Limited, which is among the leading warship building companies in India.

Parliament Passed Dam Safety Bill, 2019

The Parliament on December 2, 2021 cleared the Dam Safety Bill, 2019 for surveillance, inspection, operation and maintenance of all specified dams across the country. The Bill seeks to prevent dam failure, related disasters and provide for institutional mechanism to ensure their safe functioning.

India's First Virtual Science Lab for Children

Union Minister of Science and Technology, Dr. Jitendra Singh launched India's first Virtual Science Lab for Children on November 22, 2021. The new virtual science lab facility has been developed by CSIR in partnership with IIT Bombay under the CSIR Jigyasa programme, which facilitates classroom learning with laboratory research for school students.

Bharat Gaurav Theme-Based Circuit Trains Launched

Union Minister of Railways Ashwini Vaishnaw on November 23, 2021 announced the introduction of 'Bharat Gaurav Trains', the theme-based tourist circuit trains to boost tourism in India.

Bharat Gaurav Trains can be operated by private operators and the Indian Railways Catering and Tourism Corporation (IRCTC).

PM Modi Laid Foundation of Noida International Airport

Prime Minister Narendra Modi laid the foundation stone of 'Noida International Airport (NIA)' at Jewar (Gautam Budh Nagar) on November 25, 2021.

The airport will be the second international airport to come up in Delhi NCR. Uttar Pradesh to become the only state in India to have five international airports. It will be India's first net zero emissions airport.

Three Farm Bills Repealed

Prime Minister Narendra Modi in his address to the nation on November 19, 2021 announced the repeal of all three farms laws.

According to PM Modi, these three laws were for the benefit of the farmers, but despite best efforts, the government could not persuade a section of the farmers. The laws will be repealed in the upcoming Winter Session of Parliament.

SMART Policing Index 2021 Released

The Indian Police Foundation (IPF) has released 'IPF Citizen Satisfaction Survey on SMART Policing' Index 2021 on November 18, 2021.

Andhra Pradesh has secured first rank with an overall score of 8.11 out of 10. Telangana Police is on second position with 8.10 points while Assam Police has secured the third position with an overall rating of 7.89.

'Rashtra Raksha Samarpan Parv' Organised

Three day 'Rashtra Raksha Samarpan Parv' was held in Jhansi (Uttar Pradesh) from November 17-19, 2021 as part of 'Azadi Ka Amrit Mahotsav' celebrations. Prime Minister Modi launched and dedicated a number of schemes in a grand ceremony on November 19, 2021.

India Re-elected to UNESCO Executive Board

India has been re-elected to the Executive Board of UNESCO for the term 2021-25 with 164 votes on November 17, 2021. Apart from India, Japan, Philippines, Vietnam, Cook Islands and China have also been elected in Group IV Asian and Pacific States category. UNESCO Executive Board consists of 58 member-states each with a four-year term of office.

Purvanchal Expressway Inaugurated

PM Narendra Modi inaugurated the Purvanchal Expressway at KarwalKheri in Sultanpur district of Uttar Pradesh on November 16, 2021. The 341 km long Purvanchal Express will connect Lucknow with Ghazipur and has been constructed at an estimated cost of ₹ 22500 crore.

First Audit Diwas Event Held

PM Narendra Modi addressed the first Audit Diwas at CAG office premises on November 16, 2021.

On the First Audit Diwas, he also unveiled the statue of Sardar Vallabhbhai Patel at the office of the Comptroller and Auditor General of India (CAG) in New Delhi.

Bhopal's Habibganj Railway Station Renamed

The Habibganj railway station in Bhopal, Madhya Pradesh has been renamed after 18th-century Gond Queen of Bhopal, Rani Kamlapati on November 13, 2021.

PM Narendra Modi will inaugurate the revamped Rani Kamlapati railway station on November 15, during his visit to Bhopal.

November 15 Declared as 'Janjatiya Gaurav Divas'

The Union Cabinet chaired by the PM Narendra Modi has approved declaration of November 15 as Janjatiya Gaurav Divas on November 10, 2021.

The day will be celebrated every year from now on to recognise the efforts of the tribals for preservation of cultural heritage and promotion of Indian values of valour, hospitality and national pride.

Srinagar Joined UNESCO CCN

The capital city of Jammu and Kashmir, Srinagar, has been designated as a part of United Nations Educational, Scientific and Cultural Organization - Creative Cities Network (UCCN) by UNESCO on November 8, 2021.

The Srinagar city has been designated the creative city in the field of Crafts and Folk Arts - only second city in India in this category after Jaipur.

'November 15' Marked as 'Janjatiya Gaurav Divas'

The Union Cabinet on November 10, 2021 approved declaration of '15th November' on 'Janjatiya Gaurav Divas.'

The day is dedicated to the memory of brave tribal freedom fighters so that coming generations could know about their sacrifices about the country.

The date (15th November) is the birth anniversary of Sri Birsa Munda who is revered as Bhagwan by tribal communities across the country.

INTERNATIONAL

Military Seizes Power in Burkina Faso

The military in Burkina Faso has seized power, detained President Roch Kaboré, suspended the constitution and closed the country's borders on January 24, 2022. The military had seized power in response to the ongoing degradation of the security situation in the country and the incapacity of the government to unite the population.

2021 Corruption Perceptions Index

Transparency International released the Corruption Perception Index (CPI) 2021 on January 24, 2022.

Denmark, Finland, New Zealand topped the list with the highest score of 88. While, South Sudan has ranked last on the index with the CPI score of 11. India's rank improved by one place to 85 in 2021 with the CPI score of 40 from 86th in 2020.

Oxford Declared 'Anxiety' as Children's Word of the Year 2021

Oxford University Press (OUP) has declared 'Anxiety' as Children's Word of the Year 2021, based on their recent research on January 18, 2022.

Anxiety has been selected based on a survey conducted on around 8000 children of the 7-14 age group from 85 schools in the United Kingdom, who were asked to choose the words they most often used while talking about health and wellbeing.

Nusantara has been Selected as the New Capital of Indonesia

Indonesia passed a bill replacing its capital Jakarta with East Kalimantan, and will be called Nusantara (situated to the east of Borneo island) on January 18, 2022. President Joko Widodo first announced the capital would be relocated in 2019, citing concerns over Jakarta's environmental and economic sustainability.

Dubai Opens Its Infinity Bridge for Traffic for the First Time

Iconic 'Infinity Bridge' in Dubai, United Arab Emirates has been formally opened to traffic for the first time on January 16, 2022.

Its design resembles mathematical sign for infinity (8) which represents limitless, infinite goals of Dubai.

Henley Passport Index 2022

The Henley Passport Index 2021 has been released by Henley and amp; Partners, based on the exclusive data from the International Air Transport Association (IATA), on January 8, 2022.

Japan and Singapore have been ranked 1st, with passport holders have accessibility of 192 destinations visa-free. India has climbed seven places up from 90th rank in 2021 and has been ranked at 83rd position.

Antigua and Barbuda Joined ISA

Antigua and Barbuda became the 102nd member of the International Solar Alliance (ISA) by signing the ISA Framework Agreement in St. John's, Antigua on January 4, 2022.

Antigua and Barbuda Prime Minister, Gaston Browne, signed the ISA Framework Agreement (FA) on behalf of the Government of Antigua and Barbuda in the presence of Dr. KJ Srinivasa, High Commissioner of India, who is currently on a visit to Antigua and Barbuda.

James Webb Telescope Giant Sunshield Deployed

NASA technicians have successfully fully deployed the 70-foot sunshield protecting the James Webb Space Telescope on January 4, 2022. The five-layer, tennis court-sized sunshield is essential for protecting the telescope from the light and heat of the Sun, Earth, and Moon.

New Coronavirus Variant Identified in France

French scientists have identified a new COVID-19 variant named IHU or variant B.1.640.2 with 46 mutations on January 3, 2022. This variant has been reported by researchers at institute IHU Mediterranee Infection in at least 12 cases, and has been linked to travel to African country Cameroon.

France Takes Over EU Presidency for Six Months

France has assumed the rotating presidency of the Council of the European Union for the next six months till June 30, 2022; with effect from January 1, 2022. The motto of France as EU President is 'Recovery, Strength, Belonging'.

World's Longest Metro Line Opened in China

World's longest Metro Line was opened in China's Shanghai Province on December 31, 2021. Shanghai has opened two new metro lines – Line 14 and Phase One of Line 18, upholding its rank as the city with the largest Metro network in the world.

Germany Shuts Down Three Nuclear Power Plants

Under Germany's energy transition policy, the Gundremmingen, Brokdorf, and Grohnde nuclear power plants was decommissioned on December 31, 2021. The three remaining power plants are located in Bavaria, Baden- Württemberg and Lower Saxony and are due to be closed by the end of 2022.

Russia Launched 1st Versatile Nuclear-Powered Icebreaker

Russia has launched its first in the series Project 22220 versatile nuclear-powered icebreaker known as 'Sibir', on December 30, 2021.

Sibir will support the growing fleet of icebreakers to keep the Northern Sea Route open for year-round shipping through the Arctic and enable a wider presence of India in the arctic region.

Japan Introduced World's First Dual-Mode Vehicle

The world's first dual-mode vehicle that can run on road and rail, had made its public debut in the town of Kaiyo in Japan's Tokushima prefecture on December 27, 2021.

The DMV looks like a minibus and runs on normal rubber tyres on the road, but when it arrives at an interchange, steel wheels descend from the vehicle's underbelly onto the rail track, effectively turning it into a train carriage.

Global Unicorn Index 2021

Hurun Research Institute, India has released the Global Unicorn Index 2021 on December 23, 2021. The United States and China still continue to bag the top two ranks in the list by adding 254 and 74 unicorns, respectively.

As per the report, India ranked at third (by adding 33 'unicorns') in 2020 by displacing the United Kingdom (UK) to the 4th spot.

WADA Report 2021 Released

World Anti-Doping Agency (WADA) has released the WADA report, detailing the transgressions for the year 2019, on December 21, 2021. A total of 278047 samples were collected by Anti-Doping Organisations worldwide in 2019, and subsequently, analysed by WADA-accredited laboratories.

Gabriel Boric Becomes President of Chile

Leftist candidate Gabriel Boric has won Chile's presidential election to become the country's youngest ever leader, on December 20, 2021. The 35 year old former student protest leader defeated his far-right rival Jose Antonio Kast by 10 points. He will lead a country that has been rocked in recent years by mass protests against in equality and corruption.

World's Most Admired Men in 2021

PM Narendra Modi surpassed several world leaders and celebrities to retain the 8th position of YouGov's World's Most Admired Men for the year 2021, on December 14, 2021. Former US President Barack Obama has retained the top position on the chart as the world's most admired man in 2021 for the second year in a row; followed by Bill Gates and Xi Jinping at the second and third place, respectively.

Global Health Security Index 2021 Released

The Nuclear Threat Initiative (NTI) and the Johns Hopkins Centre for Health Security has released the 2021 Global Health Security Index on December 10, 2021. The world's overall performance on the GHS Index score slipped to 38.9 (out of 100) in 2021, from a score of 40.2 in the GHS Index, 2019.

World Inequality Report 2022

The World Inequality Lab, a research center at the Paris School of Economics has released the 2022 World Inequality Report (WIR) on December 9, 2021. As per the 'World Inequality Report 2022', India is among the most unequal countries in the world, with rising poverty and an 'affluent elite'.

Asia Power Index 2021

Lowy Institute has released the Asia Power Index 2021 by assessing the resources and influence to rank the relative power of states in the Indo-Pacific region on December 7, 2021. United States topped the index followed by China at the second place.

India ranked fourth most powerful country on the measures of economic capability, military capability, resilience and cultural influence.

Dubai is first in World to go 100% Paperless

UAE Crown Prince, Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum announced on Dec.13, 2021 that Dubai became the world's first govt. to turn 100% paperless. All the external and internal transactions and the procedures in Dubai Government are now 100% digital. The digitization will provide all the govt. services to customers & reduce paper consumption by more than 336 million papers.

Adama Barrow Re-elected Gambian President

Gambia's President Adama Barrow has been re-elected for a second term in office in the tiny West African nation on December 5, 2021.

With 53% of the vote, he easily beat out his main contender Ousainou Darboe of the United Democratic Party who received about 28% of the vote.

World Malaria Report 2021 Released

The World Health Organisation (WHO) released its World Malaria Report 2021 on December 6, 2021. In the report, the WHO notes that 'Global efforts to tackle malaria suffered because of novel coronavirus disease in 2020. There were an estimated 627,000 malaria deaths in 2020, an increase of 12% over 2019.

Merriam-Webster Declared 'Vaccine' as 'Word of the Year'

American publishing company Merriam-Webster on November 30, 2021 declared the word 'Vaccine' as its 'Word of the Year 2021'. 'Vaccine' word saw a 601% increase in definition lookups over the year, compared to 2020.

Global Nutrition Report 2021

The World Health Organisation (WHO) has released the Global Nutrition Report 2021 (GNR 2021) on November 25, 2021. India has made no progress on anaemia and childhood wasting.

At the current rate of progress, the global nutrition targets will not be achieved by 2025 globally and in most countries worldwide.

OMICRON : Another Variant of Concern

The WHO on November 26, 2021 designated variant **B.1.1.529** as a 'Variant of Concern' and named it Omicron. It has been categorised as a SARS-CoV-2 Variant of Concern (VoC) by the WHO.

The new COVID-19 strain was first identified in southern Africa by the Network for Genomics Surveillance in South Africa (NGS-SA).

Malta becomes First EU Country to Legalise Cannabis

Malta became the first European country to allow limited cultivation and possession of cannabis for personal use, following a vote in parliament on December 14, 2021. Adults will be allowed to grow four plants at home and carry seven grams of cannabis, with smoking in public or in front of children remaining illegal.

Australia & South Korea Signed Defence Pact

Australian Prime Minister Scott Morrison and South Korean President Moon Jae-in have signed a defense deal worth 1 billion Australian dollars as the two countries mark 60 years of diplomatic relations on December 13, 2021. Under the agreement, South Korean defense company Hanwha will provide the Australian army with equipment like artillery weapons, supply vehicles and radar.

UNGA Grants Observer Status to ISA

The United Nations General Assembly (UNGA) has granted Observer Status to International Solar Alliance (ISA) on December 9, 2021. The granting of Observer Status to ISA in the General Assembly would help provide for regular and well-defined cooperation between the Alliance and the United Nations that would benefit global energy growth and development.

Collins Dictionary Named 'NFT' as 'Word of the Year'

Collins Dictionary has named the term 'NFT' (Non-Fungible Token) as the 'Word of the Year 2021' on November 25, 2021. As per Collins Dictionary, NFT is defined as "a unique digital certificate, registered in a blockchain that is used to record ownership of an asset such as an artwork or a collectible."

Collins English Dictionary is published by HarperCollins in Glasgow.

NASA Launched World's First DART Mission

The US space agency NASA has launched a first-of-its-kind $ 325 million Double Asteroid Redirection Test (DART) mission into orbit from Vandenberg Space Force Base in California atop a SpaceX Falcon 9 rocket on November 24, 2021.

NASA's DART Mission is the world's first mission to test asteroid-deflecting technology.

China Passed 'Historical Resolution ' Boosting President Xi's Authority

The ruling Communist Party of China on November 11, 2021 approved a rare resolution, which uplifted the country's President Xi Jinping's status in its history.

The resolution on the Communist Party of China's 'achievements and historical experiences' since its founding 100 years ago was passed at the end of a 4-day, closed-door meeting (Sixth Plenum).

Climate Change Performance Index 2022 Released

German-watch in collaboration with Climate Action Network (CAN) and New Climate Institute, published the Climate Change Performance Index 2022 on November 10, 2021.

India has been placed at 10th spot and retained its position as the top 10 best performing countries with higher climate performance for the third year in a row.

UN Climate Change Conference 2021 Held

The United Nations Climated Change Conference 2021 was held at the Scottish Events Campus in Glasgow (Scotland) from October 31 to November 12, 2021.

It was hosted by the United Kingdom (UK) in partnership with Italy. This was the 26th Session of the 'Conference of the Parties (CoP26)'.

USA Becomes Member of ISA

The United States of America (USA) has joined the International Solar Alliance (ISA) as the 101st member country on November 10, 2021. The framework agreement was formally signed by John Kerry, the U.S. Special Presidential Envoy for Climate, at the COP26 climate summit in Glasgow.

Global Drug Index 2021

The inaugural Global Drug Index was released by the Harm Reduction Consortium, on November 7, 2021.

In this index, Norway (74/100), New Zealand (71/100), Portugal (70/100), the UK (69/100) and Australia (65/100) are the five leading countries with respect to humane and health-driven drug policies.

EIU Worldwide Cost of Living Index 2021

The Worldwide Cost of Living Index released by the Economist Intelligence Unit (EIU) has listed the world's most expensive cities to live in 2021, on December 1, 2021.

Tel Aviv (Israel) has become the most expensive city in the world to live in 2021, pushing Paris and Singapore jointly to occupy the second spot with Zurich and Hong Kong at the fourth and fifth spots respectively.

Global Bribery Risk Rankings 2021

An anti-bribery standard setting organisation TRACE has released the Global Bribery Risk Rankings 2021 on November 17, 2021.

North Korea, Turkmenistan, Venezuela and Eritrea posed the highest commercial bribery risk, while Denmark, Norway, Finland, Sweden and New Zealand had the lowest. India ranked 82nd with a score of 44, whereas in 2020 India had ranked 77 with a score of 45.

SPORTS AND GAMES

BOXING

AIBA World Championship 2021

AIBA World Boxing Championships 2021 were held in Belgrade (Serbia) for October 25 to November 6, 2021.

Indian boxer Akash Kumar won the bronze medal in the bantomweight category. Cuba topped the medals tally with 5 medals (3 Gold and 2 Bronze).

BADMINTON

India Open Badminton 2022

The 2022 India Open or Yonex- Sunrise India Open 2022 was a badminton tournament that took place at the KD Jadhav Indoor Hall in New Delhi from January 11-16, 2022.

Winners

Category	Winner	Runner Up
Men's singles	Lakshya Sen (India)	Loh Kean Yew (Singapore)
Women's singles	Busanan Ongbamrungphan (Thailand)	Supanida Katethong (Thailand)

Syed Modi International Badminton Tournament 2022

The 2022 Syed Modi International badminton tournament was held at Babu Banarasi Das Indoor Stadium in Lucknow, Uttar Pradesh from January 18-23, 2022.

Men's Singles Final between Arnaud Merkle and Lucas Claerbout not held after one finalist tested Covid positive

Women's Singles PV Sindhu (India)

BWF World Championships 2021

The 2021 BWF World Championships was a badminton tournament which took place at Palacio de los Deportes Carolina Marín in Huelva, Spain from December 12-19, 2021. Shuttler Kidambi Srikanth became the first Indian man to win a silver medal at BWF World Championships.

Men's Singles Loh Kean Yew (Singapore)

Men's Doubles Takuro Hoki & Yugo Kobayashi (Japan)

BWF World Tour Finals 2021

Indian badminton player PV Sindhu lost to South Korea's An Seyoung in the women's singles final at the BWF World Tour Finals 2021 in Bali, Indonesia, on December 5, 2021.

Men's Singles Viktor Axelsen (Denmark)

Women's Singles An Seyoung (Korea)

Indonesia Masters 2021

Indonesia Masters badminton tournament 2021 took place in Bali (Indonesia) from November 16-21, 2021. Kento Momota (Japan) defeated Anders Antonsen (Denmark) to win the men's singles title. An Se-young (South Korea) clinched the women's singles title after defeating Akane Yamaguchi (Japan).

Denmark Open 2021

The Denmark Open badminton tournament 2021 was held at the Odense Sports Park in Odense, Denmark, from October 19-24, 2021.

Men's singles Viktor Axelsen (Denmark)

Women's singles Akane Yamaguchi (Japan)

Thomas and Uber Cup 2020

Uber Cup and Thomas Cup 2020 Badminton championship played between October 9 to 17 at Aarhus (Denmark). China beat Japan with 3-1 in Uber Cup final to reclaim the title. Indonesia lifted the Thomas Cup trophy for the first time after defeating China with 3-0.

TABLE TENNIS

World Championships 2021

The 2021 World Table Tennis Championships was held in Houston (US) from November 23-29, 2021.

Winners List

Event	Gold	Silver
Men's Singles	Fan Zhendong (China)	Truls Möregårdh (Sweden)
Women's Singles	Wang Manyu (China)	Sun Yingsha (China)

CHESS

FIDE World Championship 2021

The FIDE Chess World Championship between the champion Magnus Carlsen and the challenger Ian Nepomniachtchi took place in Dubai, UAE from November 24-December 12, 2021. GM Magnus Carlsen won the 2021 FIDE World Chess Championship after beating GM Ian Nepomnia- chtchi with the black pieces.

CRICKET

South Africa Beat India by 4 Runs, Clinch Series 3-0

South Africa beat India in the third and final One Day International by 4 runs, winning the series 3–0, at Newlands Cricket Stadium in Cape Town on January 23, 2022. Quinton de Kock (South Africa) won the title of Player of the Series.

South Africa Defeats India in 3rd & Final Test

South Africa defeated India in the third and final Test of the series by 7 wickets at the Newlands Cricket Ground in Cape Town to win the series 2-1 on January 14, 2022. Keegan Petersen (South Africa) won the title of Player of the Series. India won the first Test by 113 runs while South Africa won the second Test by seven wickets to level the series.

Under-19 Asia Cup 2021

The 2021 Under-19 Asia Cup was held at Dubai International Stadium in Dubai, UAE from December 23-31, 2021. India lifted the under-19 Asia cricket Cup by defeating Sri Lanka by nine wickets in a rain-interrupted One-Day International final through Duckworth-Lewis-Stern (DLS) method. Harnoor Singh Pannu (India) won the title of Player of the Series.

Vijay Hazare Trophy 2021

The 2021-22 Vijay Hazare Trophy, a List A cricket tournament in India was played from December 8-26, 2021. Himachal Pradesh beat Tamil Nadu by 11 runs (VJD Method) in the final to win their maiden Vijay Hazare Trophy 2021, at the Sawai Mansingh Stadium, in Jaipur, Rajasthan.

India-New Zealand Test Series 2021

Indian team dethroned New Zealand in the latest ICC Test championships rankings and climbed to the top spot with 124 rating points on December 5, 2021. India achieved this feat after defeating New Zealand by 372 runs in the second test at Mumbai to win the two-match series 1-0.

India-New Zealand T20 Series 2021

India defeated New Zealand by 73 runs in the third and final T20I at the iconic Eden Gardens in Kolkata to win the three-match series 3-0 on November 21, 2021.

Axar Patel was declared 'Player of the Match' while Rohit Sharma was declared 'Player of the Series'.

Syed Mushtaq Ali Trophy 2021-22

The Board of Control for Cricket in India (BCCI) organised the 2021–22 Syed Mushtaq Ali Trophy, a Twenty20 competition from November 4-22, 2021.

Tamil Nadu has won the Syed Mushtaq Ali Trophy for 2021-22 by defeating Karnataka in the finals by four wickets at the Arun Jaitley Stadium in New Delhi. The Player of the Match title was won by Shahrukh Khan (Tamil Nadu).

ICC Men's T20 World Cup 2021

Australia defeated New Zealand in the ICC Men's T20 World Cup 2021 final in Dubai on November 14, 2021. The target for the victory was 173 runs for Australia. Australia achieved this target in 18.5 overs. Mitchell Marsh was named as the Player of the Match.

FOOTBALL

2021-22 Spanish Super Cup

The 2021-22 Spanish Super Cup was held at the King Fahd International Stadium in Riyadh, Saudi Arabia from January 12-16, 2022. Real Madrid won the tournament for their twelfth Spanish Super Cup by beating Athletic Bilbao 2-0.

SAFF U 19 Women's Championship

The SAFF U-19 Women's Championship 2021 was held at BSSS Mostafa Kamal Stadium, Dhaka in Bangladesh from December 11-22, 2021.

Bangladesh Under-19 Women's team defeated India by 1-0 to win the SAFF U-19 Women's Football Championship.

Senior Women's National Championship 2021

Manipur retained their title at the national women's football championship 2021 after beating Railways 2-1 in a penalty shootout in the final at the EMS Corporation Stadium in Kozhikode, Kerala on December 9, 2021.

This was Manipur's 21st title in what was the 26th edition of the senior national women's football championship.

HOCKEY

Asian Champions Trophy 2021

The Men's Hockey Asian Champions Trophy 2021 was held in Dhaka, Bangladesh from December 14-22, 2021.

South Korea won their first Asian Champions Trophy title by defeating Japan 4–2 in a shoot-out after the match finished 3–3.

Men's Junior Hockey World Cup 2021

International Hockey Federation (FIH) organised the 2021 Men's FIH Hockey Junior World Cup at the Kalinga Stadium in Bhubaneswar from November 24-December 5, 2021.

Argentina won their second title by defeating the six-time champions Germany in the final by 4-2.

TENNIS

2022 Sydney International

The 2022 Sydney International was a tennis tournament on the 2022 ATP Tour and 2022 WTA Tour, took place at the NSW Tennis Centre from January 10-15, 2022.

Men's Singles Aslan Karatsev (Russia)

Women's Singles Paula Badosa (Spain)

2022 Adelaide International 1

The 3rd edition of Adelaide International 2022 was held at The Memorial Drive Tennis Centre, Adelaide, Australia as two events, from January 3-15, 2022.

Category	Winners	Runners
Men's Singles	Gael Monfils (France)	Karen Khachanov (Russia)
Women's Singles	Ashleigh Barty (Australia)	Elena Rybakina (Kazakhstan)

Melbourne Summer Set 2022

Melbourne Summer Set was a series of two simultaneous tennis tournaments organized by Tennis Australia at Melbourne Park in Melbourne, Australia from January 4-9, 2022.

Category	Winner	Runner Up
Men's Singles	Rafael Nadal (Spain)	Maxime Cressy (USA)
Women's Singles	Simona Halep (Romania)	Veronika Kudermetova (Russia)

Davis Cup 2021

The Davis Cup 2021 was held on indoor hard courts at three venues in Innsbruck, Austria, Madrid, Spain and Turin, Italy from November 25- December 5, 2021. The Russia has won the Davis Cup for the third time after beating Croatia 2-0 in the final in Madrid.

ATP Finals 2021

The 2021 ATP Finals was a men's tennis tournament played on indoor hard courts at the Pala Alpitour in Turin, Italy, from November 14-21, 2021.

Singles Alexander Zverev (Germany) defeated Daniil Medvedev (Russia)

Doubles Pierre-Hugues Herbert / Nicolas Mahut (France) defeated Rajeev Ram (United States)/ Joe Salisbury (United Kingdom)

ATP Finals 2021

Germany's Alexander Zverev on November 21, 2021 defeated Daniil Medvedev (Russia) to win the men's singles title in the year-ending men's tennis tournament 'ATP Finals 2021' held in Turin (Italy).

WTA Finals 2021

Women's Tennis Association (WTA) conducted the 2021 WTA Finals, the women's championship tennis tournament, at the Panamerican Tennis Center in Zapopan, Mexico from November 10-17, 2021.

Garbine Muguruza of Spain beat Anett Kontaveit of Estonia in the final to claim her first WTA singles final title. Muguruza is also the first Spaniard to win the WTA Finals.

Paris Masters 2021

Novak Djokovic defeated Daniil Medvedev 4-6, 6-3, 6-3 to win the Rolex Paris Masters 2021 Singles title at Bercy on November 7, 2021. This is the sixth Paris Masters title for the Serbian Djokovic and overall 37th ATP Masters 1000 title.

Paris Masters 2021

World number 1 Novak Djokovic (Serbia) beat Daniil Medvedev (Russia) in the singles final of Paris Master tennis tournament 2021 on November 7, 2021. Djokovic won a sixth Paris title and record 37th Master crown.

AWARDS & HONOURS

NATIONAL

Padma Awards 2022 Announced

The Union Home Ministry announced the recipients for Padma Awards 2022 on the eve of Republic Day on January 26, 2022.

The 2022 Padma Award has been conferred upon 128 winners, which include 4 Padma Vibhushan, 17 Padma Bhushan and 107 Padma Shri Awards.

Of the total winners, 34 are women, 10 persons are from the category of Foreigners/ NRI/ PIO/OCI, 13 Posthumous awardees and 2 duo case (in a duo case, the Award is counted as one).

Award	Winner
Padma Vibhushan	Ms. Prabha Atre (Art), Shri Radheyshyam Khemka (Posthumous)(Literature and Education), General Bipin Rawat (Posthumous) (Civil Service) and Shri Kalyan Singh (Posthumous) (Public Affairs)
Padma Bhushan	Shri Ghulam Nabi Azad (Public Affairs), Shri Victor Banerjee (Art), Ms. Gurmeet Bawa (Posthumous)(Art), Shri Buddhadeb Bhattacharjee (Public Affairs), Shri NataraJanuary Chandrasekaran (Trade and Industry), Shri Krishna Ella and Smt. Suchitra Ella (Duo) (Trade and Industry), Swami Sachidanand) (Literature and Education) and among others
Padma Shri	Shri Prahlad Rai Agarwala (Trade and Industry), Prof. Najma Akhtar (Literature and Education), Shri Subbanna Ayyappan (Science and Engineering), Srimad Baba Balia (Social Work), Dr. Himmatrao Bawaskar (Medicine), Shri Neeraj Chopra (Sports) and among others

PM Rashtriya Bal Puraskar 2022

PM Narendra Modi has conferred 29 Children with the Pradhan Mantri Rashtriya Bal Puraskar 2022, from all regions of the country for their exceptional achievements on January 24, 2022. The PMRBP award is given by the Government of India to children with exceptional abilities and outstanding accomplishments in 6 categories i.e., Innovation (7), Social Service (4), Scholastic (1), Sports (8), Art & Culture (6) and Bravery (3).

Subhas Chandra Bose Aapda Prabandhan Puraskar 2022

The government has announced the winners of 'Subhas Chandra Bose Aapda Prabandhan Puraskar' for the year 2022 on the birth anniversary of freedom fighter Netaji Subhas Chandra Bose, on January 23, 2022.

Gujarat Institute of Disaster Management (in the Institutional category) and Professor Vinod Sharma, Vice Chairman of Sikkim State Disaster Management Authority (in the Individual category) have been selected for the Subhash Chandra Bose Aapda Prabandhan Puraskar 2022.

Sahitya Akademi Award 2021

Sahitya Akademi announced its prestigious Sahitya Akademi Awards for 2021 in various languages on December 30, 2021.

Major Winners

Name	Language
Bratya Basu	Bengali
Namita Gokhale	English
Daya Prakash Sinha	Hindi
DS Nagabhushana	Kannada
Wali Mohd. Aseer Kashtawari	Kashmiri
Sanjiv Verenkar	Konkani
George Onakkoor	Malayalam
Kiran Gaurav	Marathi
Vindeshwariprasad Mishr 'Vinay'	Sanskrit
Ambai	Tamil
Gorati Venkanna	Telugu

PETA India's 'Person of the Year' 2021

Actress Alia Bhatt has been named 'Person of the Year 2021' by People for the Ethical Treatment of Animals (PETA) India on December 27, 2021.

She was awarded this prestigious title to celebrate her work in support of an animal-friendly fashion industry and her advocacy for dogs and cats in need.

SJFI Medal 2021

The Sports Journalists' Federation of India (SJFI) announced the winners of its prestigious 'SJFI Medal 2021' at SJFI Annual General Meeting (AGM) in Guwahati, Assam.

Major Award Winners

Award	Winner
SJFI Sportsman of the Year 2021	Neeraj Chopra (Javelin)
SJFI Sportswoman of the Year 2021	Mirabai Chanu (Weightlifting)
SJFI Team of the Year 2021	Indian Men's Hockey team

56th Jnanpith Award

Assamese poet Nilmani Phookan Jr won the 56th Jnanpith Award and Konkani novelist Damodar Mauzo won the 57th Jnanpith Award for "their outstanding contribution to literature" on December 9, 2021.

Phookan's notable works include Surya Henu Nami Ahe Ei Nodiyedi, Gulapi Jamur Lagna, and Kobita

Dr. MS Swaminathan Award 2017-19

V. Praveen Rao, Vice-Chancellor of Professor Jayashankar Telangana State Agricultural University (PJTSAU) won the 7th Dr. MS Swaminathan Award for the period 2017-19 on December 1, 2021. He has been awarded for recognizing his contributions in the fields of 'agricultural research, teaching, extension, and administration'.

Gallantry Awards 2021

President Ram Nath Kovind presented Gallantry awards 2021 for armed forces, police and paramilitary personnel on November 23, 2021.

The 144 Gallantry awards include Ashok Chakra – 1, Kirti Chakra – 1, Shaurya Chakras – 15, Bar to Sena Medals (Gallantry) – 4, Sena Medals (Gallantry) – 116 , Nao Sena Medals (Gallantry) – 5 and Vayu Sena Medals (Gallantry) – 2.

Gallantry Awards 2020

President Ram Nath Kovind presented Gallantry Awards and Distinguished Service Decorations for the year 2020 at the Defense Investiture ceremony held at the Rashtrapati Bhawan on November 22, 2021.

Group captain Abhinandan Varthaman was accorded the 'Vir Chakra' for his role in pushing back Pakistan's fighter jets in February 2019.

Swachh Survekshan Awards 2021

President Ram Nath Kovind presented the Swachh Survekshan Awards 2021 at the Swachh Amrit Mahotsav organised by the Ministry of Housing and Urban Affairs in New Delhi on November 20, 2021.

List of Award-winning Cities

- Cleanest city – Indore
- Cleanest Ganga town – Varanasi
- Cleanest State (with more than 100 urban local bodies)- Chhattisgarh

Indira Peace Gandhi Prize 2021

Pratham, Mumbai-based civil society organization, has been conferred with the prestigious Indira Gandhi Prize for Peace, Disarmament and Development for 2021 by the Indira Gandhi Memorial Trust.

International Children's Peace Prize 2021

Two Delhi-based teenage brothers Vihaan Agarwal and Nav Agarwal have won the 17th annual Kids Rights International Children's Peace Prize for tackling pollution in their home city by recycling household waste on November 14, 2021.

JCB Prize for Literature 2021

The novel titled "Delhi : A Soliloquy" written by Malayalam writer M Mukundan has won the 2021 JCB Prize for literature on November 13, 2021. The book originally written in Malayalam has been translated into English by Fathima EV and Nandakumar.

National Sports Awards 2021

President Ram Nath Kovind presented the National Sports Awards 2021 at an event at the Rashtrapati Bhawan on November 13, 2021.

'Major Dhyan Chand Khel Ratna Award 2021' has been given to 12 sports persons namely Neeraj Chopra (Athletics), Ravi Kumar (Wrestling), Lovlina Borgohain (Boxing), Sreejesh PR (Hockey), Avani Lekhara (Para Shooting), Sumit Antil (Para Athletics), Pramod Bhagat, Krishna Nagar (Para Badminton), Manish Narwal (Para Shooting), Mithali Raj (Cricket), Sunil Chhetri (Football) and Manpreet Singh (Hockey).

INTERNATIONAL

International Cricket Council Awards 2021 Announced

The International Cricket Council (ICC) has announced the winners of the 17th edition of ICC Awards for the year 2021 to recognise and honour the best international cricket players of the previous 12 months (between January 1, 2021 and December 31, 2021) on January 23, 2022.

- ICC Umpire of the Year: Marais Erasmus
- ICC Men's T20I Cricketer of the Year: Mohammad Rizwan (Pakistan)
- ICC Women's T20I Cricketer of the Year: Tammy Beaumont (England)
- ICC Emerging Men's Cricketer of the Year: Janneman Malan (South Africa)
- ICC Emerging Women's Cricketer of the Year: Fatima Sana (Pakistan)
- ICC Men's ODI Cricketer of the Year: Babar Azam (Pakistan)
- ICC Women's ODI Cricketer of the Year: Lizelle Lee (South Africa)
- ICC Men's Test Cricketer of the Year: Joe Root (England)
- Rachael Heyhoe Flint Trophy for ICC Women's Cricketer of the Year: Smriti Mandhana (India)
- Sir Garfield Sobers Trophy for ICC Men's Cricketer of the Year: Shaheen Afridi (Pakistan)

Bhutan's Highest Honour to PM Modi

Prime Minister Narendra Modi was conferred Bhutan's highest civilian award, **Ngadag Pel gi Khorlo** also known as **Order of the Dragon King (Druk Gyalpo)**, on the occasion of Bhutan's 114th National Day, on December 17, 2021. PM Modi becomes the first foreign head of government to receive the coveted award.

Miss Universe 2021

Harnzaaz Sandhu from India won the 70th Miss Universe 2021 held at Universe Dome in Eilat (Israel) on December 12, 2021. India has got this title of Miss Universe after 21 years. Earlier this title was given to India in the year 1994 by Sushmita Sen and in the year 2000 by Lara Dutta.

Ramanujan Prize for Young Mathematicians 2021

Indian Mathematician Neena Gupta has received DST-ICTP-IMU Ramanujan Prize for Young Mathematicians 2021 from Developing Countries.

Neena Gupta, a mathematician at the Indian Statistical Institute in Kolkata, was awarded the 2021 Ramanujan Prize for Young Mathematicians from Developing Countries on December 10, 2021.

World Athletics Awards 2021

World Athletics has announced the winners for the World Athletes Awards 2021 on December 1, 2021.

Winners

World Athletes of the Year Elaine Thompson-Herah (Jamaica) and Karsten Warholm (Norway)

Female Rising Star Athing Mu (USA)

Male Rising Star Erriyon Knighton (USA)

Ballon d'Or 2021

French news magazine 'France Football' presented an annual football award, Ballon d'Or 2021 on November 30, 2021.

Winners List

Ballon d'Or (Man) Lionel Messi (PSG/Argentina)

Ballon d'Or (Woman) Alexia Putellas (Barcelona/Spain)

Booker Prize 2021

South African-writer Damon Galgut won the prestigious Booker Prize for Fiction 2021 on November 3, 2021 for his novel 'The Promise'. It is a novel about one white family's reckoning with South Africa's racist history.

PERSONS IN NEWS

Vinodanand Jha

Vinodanand Jha, a 1983-batch retired IRS officer has been appointed as the chairperson of the PMLA (Prevention of Money Laundering Act) Adjudicating Authority located in New Delhi on January 23, 2022.

Prajakta Koli

Content creator, YouTuber, and actress Prajakta Koli, known by her YouTube Channel "Mostlysane", has become India's first UN Development Programme (UNDP) Youth Climate Champion on January 21, 2022.

Zara Rutherford

Nineteen-year-old Belgian-British pilot Zara Rutherford set a world record as the youngest woman to fly solo around the world on January 20, 2022. She broke Guinness World Record that was set by 30-year-old American aviator Shaesta Waiz in 2017.

Vinod Rai

Reserve Bank of India (RBI) approved the appointment of former Comptroller and Auditor General (CAG) of India Vinod Rai as independent chairman of Unity Small Finance Bank (Unity SFB) on January 20, 2022.

Roberta Metsola

Centre-right Maltese lawmaker Roberta Metsola (43 years) has been chosen as youngest President of European Union (EU) Parliament until 2024, with 458 votes in the first round on January 18, 2022.

Pandit Birju Maharaj

Legendary Kathak dancer Pandit Birju Maharaj (Brij Mohan Nath Mishra) has passed away at the age of 83 on January 17, 2022.

He was an Indian dancer, composer, singer and exponent of the Lucknow 'Kalka-Bindadin' Gharana of Kathak dance in India.

S. Somanath

Eminent senior rocket scientist S. Somanath has been appointed as the 10th Chairman of the Indian Space Research Organisation (ISRO) and secretary, Department of Space (DoS) on January 12, 2022.

Somanath, who is at present Director of Vikram Sarabhai Space Centre (VSSC), will succeed K Sivan who completes his extended tenure on January 14, 2022.

Pierre-Olivier Gourinchas

French-born economist Pierre-Olivier Gourinchas has been named as the next chief economist of the International Monetary Fund (IMF) on January 11, 2022. He will succeed Gita Gopinath, first woman to serve as the Fund's chief economist.

Maya Angelou

Poet and activist Maya Angelou has become the first Black woman to appear on the US quarter, in a new version of the coin unveiled by the US Mint on January 10, 2022.

The coins depicting Angelou were part of the American Women Quarters Program, celebrating prominent women in US history.

Atul Keshap

US Chambers of Commerce has appointed Indian-origin American diplomat Atul Keshap as the President of the US-India Business Council (USIBC) with effect from January 5, 2022. Atul Keshap replaced Nisha Desai Biswal.

TS Tirumurti

India's permanent representative to the United Nations, TS Tirumurti assumed the Chair of the Security Council Counter-Terrorism Committee for 2022 on January 4, 2022.

Sindhutai Sapkal

The renowned social worker and recipient of the Padma Shri Award, Sindhutai Sapkal passed away due to cardiac arrest at the age of 74 on January 4, 2022. In 2021, she was conferred with the Padma Shri award for her significant contribution to society.

Alka Mittal

Government-owned ONGC (Oil and Natural Gas Corporation) has appointed Alka Mittal as its first woman Chairman and Managing Director (CMD) on January 3, 2022.
She succeeded Subhash Kumar who retired on December 31, 2021.

VS Pathania

Virender Singh Pathania took over as the 24th Director-General of Indian Coast Guard with effect from December 31, 2021. He replaced K. Natarajan, who served as the Chief of the ICG from July 1, 2019 to December 31, 2021.

Baldev Prakash

Baldev Prakash has been appointed as the MD & CEO of Jammu & Kashmir Bank for three years. His appointment will be effective from the date of taking charge or April 10, 2022, whichever is earlier.

Desmond Tutu

Archbishop Desmond Tutu, Nobel Peace Prize laureate and veteran of South Africa`s struggle against apartheid, has died aged 90 on December 26, 2021. He was awarded Nobel Peace Prize in 1984 for his non-violent opposition to apartheid.

Karolos Papoulias

Former president of Greece Karolos Papoulias, who served two terms between 2005 and 2015 passed away at the age of 92 on December 26, 2021. He previously served as Minister of Foreign Affairs from 1985 to 1989 and again from 1993 until 1996.

Rishabh Pant

Uttarakhand Chief Minister Pushkar Singh Dhami appointed Indian cricketer Rishabh Pant as the 'State Brand Ambassador' with the aim of encouraging the youth of the state towards sports and public health on December 20, 2021.

Harjinder Singh

The Indian Olympic Association (IOA) on December 20, 2021 appointed Harjinder Singh as the 'Chef de Mission' of the country's contingent for the upcoming Winter Olympics 2022 in Beijing (China).

Richard Rogers

Pritzker Prize-Winning British-Italian Architect Richard Rogers has passed away in London, UK at the age of 88 on December 18, 2021. He received the Pritzker Prize, known as the Nobel Prize of Architecture, in 2007.

GT Nanavati

Former Supreme Court judge Justice Girish Thakorlal Nanavati has passed away at the age of 86 in Ahemdabad on December 18, 2021.

After his retirement, he headed two commissions inquiring into the 1984 Anti-Sikh riots and the 2002 Godhra riots.

Mohammed bin Sulayem

UAE's Mohammed bin Sulayem has been elected as the new President of the Federation International de l' Automobile (FIA) on December 17, 2021. He replaced Jean Todt (France), who retired from the role after 12 years.

Avani Lekhara

Indian shooter Avani Lekhara, who has created history by winning India's first Gold medal in Shooting at the 2020 Tokyo Paralympics, won the "Best Female Debut" honour at the 2021 Paralympic Sport Awards on December 16, 2021.

Arvind Kumar

Arvind Kumar has appointed as Director General of Software Technology Parks of India (STPI) on December 14, 2021.

Before joining STPI, Kumar was working with Telecom Regulatory Authority of India (TRAI) a an advisor since 2004.

Bipin Rawat

India's most senior military officer, Chief of Defence Staff General Bipin Rawat, his wife Madhulika Rawat and 12 other army personnel on board died when an IAF Mi 17V5 helicopter crashed near Coonoor in Tamil Nadu on December 8, 2021.

Gautam Raghavan

Indian American Gautam Raghavan has been elevated to a key position of the head of the White House office of presidential personnel by the Joe Biden administration on December 11, 2021.

He succeeded Catherine Russel, who has been appointed Executive Director of UNICEF.

Olaf Scholz

The center-left Social Democratic Party's candidate Olaf Scholz has been nominated as **Germany's next chancellor** on December 8, 2021. He replaced Angela Merkel who has led Germany for 16 years.

Karl Nehammer

Karl Nehammer was sworn-in as Austria's chancellor by Alexander Van der Bellen, President of Austria in a ceremony in Hofburg Palace, Vienna, Austria on December 6, 2021. He is succeeded the career diplomat Alexander Schallenberg.

Eileen Ashe

The world's oldest Test cricketer, Eileen Ashe (England) passed away at the age of 110 on December 4, 2021. She was a right-arm seam bowler, who made her Test debut against Australia in 1937 and represented England in seven Test matches picking up 10 wickets before retiring in 1949.

Vinod Dua

Veteran journalist Vinod Dua has died after a prolonged illness following a Covid infection at the age of 67 years on December 4, 2021. He was a pioneer in Hindi journalism, with stints at Doordarshan and NDTV.

Bimal Patel

Professor Bimal Patel of India has been elected to the International Law Commission for a period of five- year with effect from January 1, 2023. The 51-year-old Patel secured 163 votes in the UN General Assembly out of 192 members.

Parag Agrawal

Parag Agrawal has been appointed as the new Twitter chief executive officer, becoming the youngest CEO in top 500 companies on November 30, 2021. He has replaced Twitter co-founder and CEO Jack Dorsey.

Chun Doo-hwan

Former South Korean President Chun Doo-hwan has passed away due to cancer at the age of 90 years on November 23, 2021. He had served as the fifth president of South Korea from 1980 to 1988.

Praveen Sinha

The CBI Special Director Praveen Sinha has been elected as 'Delegate for Asia' on the executive committee of the INTERPOL on November 25, 2021.

Geoff Allardice

The ICC on November 22, 2021 appointed Geoff Allardice as its permanent CEO. Australian Geoff Allardice was appointed as interim CEO in March, 2021 when Manu Sawhney (India) was suspended on the findings of a cultural review.

Kamala Harris

US Vice-President Kamala Harris became the first woman to - briefly - be given presidential powers on November 19, 2021. The power transfer took place while Biden was under anaesthesia for a routine colonoscopy for 85 minutes.

Babasaheb Purandare

The eminent historian, orator and noted author from Maharashtra, Balwant Moreshwar Purandare has passed away at the age of 99 on November 15, 2021.

The celebrated author was popularly known as Babasaheb Purandare, who wrote extensively about Maratha warrior king Chhatrapati Shivaji Maharaj.

Daniel Bruhl

Spanish-German actor Daniel Bruhl has been named a Goodwill Ambassador for the United Nations WFP on November 10, 2021. Daniel Bruhl will help humanitarian organisation in its mission to reach a world with Zero Hunger.

Sheel Vardhan Singh

Senior IPS officer Sheel Vardhan Singh has been appointed as the new Director-General of the CISF on November 9, 2021. Bihar cadre (1986 batch) IPS officer Sheel Vardhan Singh is currently the Special Director in the IB.

WHO'S WHO

President   Ram Nath Kovind
Vice-President   M. Venkaiah Naidu
Prime Minister   Narendra Modi

Cabinet Ministers

Minister	Portfolio
Raj Nath Singh	Defence
Amit Shah	Home Affairs; Cooperation
Nitin Jairam Gadkari	Road Transport and Highways
Nirmala Sitharaman	Finance; Corporate Affairs
Narendra Singh Tomar	Agriculture and Farmers Welfare
S. Jaishankar	External Affairs
Arjun Munda	Tribal Affairs
Smriti Zubin Irani	Women and Child Development
Piyush Goyal	Commerce and Industry; Consumer Affairs, Food and Public Distribution; Textiles
Dharmendra Pradhan	Education; Skill Development and Entrepreneurship
Pralhad Joshi	Parliamentary Affairs; Coal; Mines
Mukhtar Abbas Naqvi	Minority Affairs
Narayan Tatu Rane	Micro, Small and Medium Enterprises
Sarbananda Sonowal	Ports, Shipping and Waterways; AYUSH
Virendra Kumar	Social Justice and Empowerment
Giriraj Singh	Rural Development; Panchayati Raj
Jyotiraditya M. Scindia	Civil Aviation
Ramchandra Prasad Singh	Steel
Pashu Pati Kumar Paras	Food Processing Industries
Kiren Rijiju	Law and Justice
Gajendra Singh Shekhawat	Jal Shakti
Ashwini Vaishnaw	Railways; Communications; Electronics and Information Technology
Raj Kumar Singh	Power; New & Renewable Energy
Hardeep Singh Puri	Petroleum and Natural Gas; Housing and Urban Affairs
Mansukh Mandaviya	Health and Family Welfare; Chemicals and Fertilizers
Mahendra Nath Pandey	Heavy Industries
Bhupender Yadav	Environment, Forest and Climate Change; Labour and Employment
Parshottam Rupala	Fisheries, Animal Husbandry and Dairying
G. Kishan Reddy	Culture; Tourism; Development of North Eastern Region
Anurag Singh Thakur	Information and Broadcasting; Youth Affairs and Sports

Ministers of State (Independent Charge)

Minister	Portfolio
Rao Inderjit Singh	Statistics and Programme Implementation (I/C); Planning (I/C)); and Corporate Affairs
Jitendra Singh	Science and Technology (I/C); Earth Sciences (I/C); Prime Minister's Office; Personnel, Public Grievances and Pensions; Department of Atomic Energy; Department of Space

Ministers of State

Minister	Portfolio
Shripad Yesso Naik	Ports, Shipping and Waterways; Tourism
Faggansingh Kulaste	Steel; Rural Development
Prahalad Singh Patel	Jal Shakti; Food Processing Industries
Ashwini Kumar Choubey	Consumer Affairs, Food and Public Distribution; Environment, Forest and Climate Change
Arjun Ram Meghwal	Parliamentary Affairs; Culture
VK Singh	Road Transport and Highways; Civil Aviation
Krishan Pal	Power; Heavy Industries
Danve Raosaheb Dadarao	Railways; Coal; Mines
Ramdas Athawale	Social Justice and Empowerment
Sadhvi Niranjan Jyoti	Consumer Affairs, Food and Public Distribution; Rural Development
Sanjeev Kumar Balyan	Fisheries, Animal Husbandry and Dairying
Nityanand Rai	Home Affairs
Pankaj Chowdhary	Finance
Anupriya Singh Patel	Commerce and Industry
SP Singh Baghel	Law and Justice
V. Muraleedharan	External Affairs; Parliamentary Affairs
Rajeev Chandrasekhar	Skill Development and Entrepreneurship; Electronics and Information Technology
Shobha Karandlaje	Agriculture and Farmers Welfare
Bhanu Pratap Singh Verma	Micro, Small and Medium Enterprises
Darshana Vikram Jardosh	Textiles; Railways
Meenakashi Lekhi	External Affairs; Culture
Som Parkash	Commerce and Industry
Renuka Singh Saruta	Tribal Affairs
Rameswar Teli	Labour and Employment; Petroleum and Natural Gas
Kailash Choudhary	Agriculture and Farmers Welfare
Annpurna Devi	Education
A. Narayanaswamy	Social Justice and Empowerment
Kaushal Kishore	Housing and Urban Affairs
Ajay Bhatt	Defence; Tourism
BL Verma	Development of North Eastern Region; Cooperation
Ajay Kumar	Home Affairs
Devusinh Chauhan	Communications
Bhagwanth Khuba	New and Renewable Energy; Chemicals and Fertilizers
Kapil Moreshwar Patil	Panchayati Raj
Sushri Pratima Bhoumik	Social Justice and Empowerment
Subhas Sarkar	Education
Bhagwat Kishanrao Karad	Finance
Rajkumar Ranjan Singh	External Affairs; Education
Bharati Pravin Pawar	Health and Family Welfare
Bishweswar Tudu	Tribal Affairs; Jal Shakti
Shantanu Thakur	Ports, Shipping and Waterways
Munjapara Mahendrabhai	Women and Child Development; AYUSH
John Barla	Minority Affairs
L. Murugan	Fisheries, Animal Husbandry and Dairying; Information and Broadcasting
Nisith Pramanik	Home Affairs; Youth Affairs and Sports

Governors and Chief Ministers

State	Governor	Chief Minister
Andhra Pradesh	*Biswabhusan Harichandan*	YS Jagan Mohan Reddy
Arunachal Pradesh	*BD Mishra*	Pema Khandu
Assam	*Jagdish Mukhi*	Himanta Biswa Sarma
Bihar	*Phagu Chauhan*	Nitish Kumar
Chhattisgarh	*Anusuiya Uikey*	Bhupesh Baghel
Goa	*PS Sreedharan Pillai*	Pramod Sawant
Gujarat	*Acharya Dev Vrat*	Bhupendra Patel
Haryana	*Bandaru Dattatraya*	Manohar Lal Khattar
Jharkhand	*Ramesh Bais*	Hemant Soren
Karnataka	*Thaawarchand Gehlot*	Basavaraj S. Bommai
Himachal Pradesh	*Rajendra Vishwanath Arlekar*	Jai Ram Thakur
Kerala	*Arif Mohammed Khan*	P. Vijayan
Madhya Pradesh	*Mangubhai Chhaganbhai Patel*	Shivraj Singh Chauhan
Maharashtra	*Bhagat Singh Koshyari*	Uddhav Thackerey
Manipur	*La. Ganesan*	N. Biren Singh
Meghalaya	*Satya Pal Malik*	Conrad Sangma
Mizoram	*Hari Babu Kambhampati*	Zoramthanga
Odisha	*Ganeshi Lal*	Naveen Patnaik
Nagaland	*Jagdish Mukhi*	Nephiu Rio
Punjab	*Banwarilal Purohit*	Charanjit Sigh Channi
Rajasthan	*Kalaraj Mishra*	Ashok Gehlot
Sikkim	*Ganga Prasad*	Prem Singh Tamang
Tamil Nadu	*RN Ravi*	MK Stalin
Tripura	*Satyadeo Narain Arya*	Biplab Deb
Telangana	*Tamilisai Soundararajan*	K. Chandras- hekhar Rao
Uttar Pradesh	*Anandiben Patel*	Yogi Adityanath
Uttarakhand	*Gurmit Singh*	Pushkar Singh Dhami
West Bengal	*Jagdeep Dhankhar*	Mamata Banerjee

Administration of Union Territories

Union Territory	Lt. Governor/ Administrator	Chief Minister
Andaman and Nicobar Islands	DK Joshi	—
Chandigarh	Banwarilal Purohit (Administrator)	—
Dadra & Nagar Haveli and Daman & Diu	Praful Patel (Administrator)	—
Delhi	Anil Baijal	Arvind Kejriwal
Jammu- Kashmir	Manoj Sinha	—

Union Territory	Lt. Governor/ Administrator	Chief Minister
Ladakh	Radha Krishna Mathur	—
Lakshadweep	Praful Patel	—
Puducherry	Tamilisai Soundararajan (Add. Charge)	N. Ranga- swamy

Chiefs of Armed Forces/ Intelligence Agencies

Force/Agency	Chief
Air Force	VR Chandhary
Army	Manoj Mukund Narawane
Navy	R. Hari Kumar
CBI	Subodh Kumar Jaiswal
Integrated Defence Staff	Balabhadra Radha Krishna
IB	Arvind Kumar
R&AW	Samant Kumar Goel

Important National Officials

Designation	Name
Chief Justice of India	*NV Ramana*
Chairperson, NHRC	*AK Mishra*
Chairperson, University Grants Commission	*K. Sanjay Murthy*
Chairman, ISRO	*Sivan K.*
Chairman, Atomic Energy Commission	*Kamlesh Vyas*
Chairperson, 15th Finance Commission	*NK Singh*
Chairperson,CBFC	*Prasoon Joshi*
Chairperson, CBSE	*Manoj Ahuja*
Chief Election Commissioner	*Sushil Chandra*
Chief Information Commissioner	*Yashvardhan Sinha*
Attorney General	*KK Venugopal*
Solicitor General	*Tushar Mehta*
Chairman, UPSC	*Pradeep Joshi*
Governor, RBI	*Shaktikanta Das*
President, BCCI	*Saurav Ganguly*
President, Indian Olympic Association	*Narinder Batra*

Heads of Nationalised Banks

Bank	Head/Chairman/MD
State Bank of India	Dinesh Kumar Khara
Bank of Baroda	Sanjeev Chadha
Bank of India	Atanu Kumar Das
Bank of Maharashtra	AS Rajeev
Canara Bank	Lingam Venkata Prabhakar
Central Bank of India	Matam Venkata Rao
Indian Bank	Shanti Lal Jain

Bank	Head/Chairman/MD
Indian Overseas Bank	Partha Pratim Sengupta
Punjab National Bank	Atul Kumar Goel
Punjab & Sind Bank	Krishnan S.
Union Bank of India	Rajkiran Rai G.
UCO Bank	Soma Sankara Prasad

Important International Officials

Designation	Dignitary
Secretary General, UNO	Antonio Guterres
President, World Bank	David Malpass
Managing Director, IMF	Kristalina Georgieva
Director General, ILO	Guy Ryder
President, UNGA	Abdulla Shahid

Designation	Dignitary
Director General, WTO	Ngozi Okonjo Iweala
Director General, UNESCO	Audrey Azoulay
Director General, WHO	Tedros Adhanom Ghebreyesus
Secretary General, UNCTAD	Rebeca Grynspan
Director General, IAEA	Rafael Grossi
Executive Director, UNICEF	Catherine Russel
Secretary General, SAARC	Esala Ruwan Weera Koon
Secretary General, Amnesty International	Kumi Naidoo
President, IOC	Thomas Bach
President, FIFA	Gianni Infantino
Chairman, ICC	Greg Barclay
CEO, ICC	Geoff Allardice

Solved Papers
2021

Instructions
- ✔ This paper contains 100 questions.
- ✔ This paper has 4 parts, Part I General English, Part II General Intelligence & Reasoning, Part III Numerical Ability, Part IV General Awareness
- ✔ Each question carries 1 mark.

General English

1. Select the most appropriate words to fill in the blank.
By this time next week, we .... Shimla.
(a) will have reached
(b) would have reached
(c) would reach
(d) shall reach

2. Select the most appropriate synonym of the given word.
Esteem
(a) Disrespect   (b) Regard
(c) Disregard   (d) Criticise

3. The given sentence contains a grammatical error. Identify the segment that contains an error.
She didn't thank you for your help, but she may have done it.
(a) but she
(b) you for your help
(c) She didn't thank
(d) may have done it

4. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
Madhu is only a daughter of her parents.
(a) the only
(b) only one
(c) No substitution required
(d) an only one

5. Select the most appropriate word to fill in the blank.
The Covid-19 pandemic has hit many industries really ....
(a) hardly   (b) hardy
(c) hard   (d) well

6. Select the most appropriate option to substitute the underlined segment in the give sentence.
It's not our book, it must be theres.
(a) theirs   (b) their
(c) their's   (d) theres'

7. Select the most appropriate words to fill in the blank.
Please go with .... sister to the match.
(a) me and mine
(b) I and my
(c) me and my
(d) I and mine

8. Select the most appropriate antonym of the given word.
Absurd
(a) Appropriate   (b) Adequate
(c) Abrupt   (d) Reasonable

9. Select the most appropriate word which means the same as the group of words given.
Stop something from burning
(a) Prevent   (b) Extinguish
(c) Torch   (d) Scorch

10. The given sentence contains a grammatical error. Identify the segment that contains an error.
Kalpana listens old Hindi film songs every evening at home.
(a) every evening
(b) film songs
(c) Kalpana listens old Hindi
(d) at home

11. Select the most appropriate meaning of the given idiom.
Cover up
(a) Put a carpet under
(b) Ignore insults made
(c) Hide or conceal
(d) Close something forever

12. Choose the correctly spelt word.
(a) Bileive   (b) Bilive
(c) Believe   (d) Beleive

13. Select the most appropriate word which means the same as the group of words given.
Confirm or support something
(a) Collaborate   (b) Corroborate
(c) Cooperate   (d) Consider

14. Choose the correctly spelt word.
(a) Closhare   (b) Kloshur
(c) Closure   (d) Klousur

15. Select the most appropriate meaning of the given idiom.
Make up with (someone)

(a) Close or ignore the difference with (someone)
(b) Compensate the loss to (someone)
(c) Pick a quarrel with (someone)
(d) understand (someone)

16. Select the most appropriate antonym of the given word.
Difference
(a) Similarity   (b) Contrast
(c) Distinction   (d) Acceptance

17. Select the most appropriate synonym of the given word.
Frigid
(a) Warm   (b) Freezing
(c) Amicable   (d) Moderate

18. Select the most appropriate option to substitute the underlined segment in the given sentence.
Sahana worked late last night and could be able to finish her homework.
(a) can able to   (b) can finish
(c) could be   (d) could

19. The given sentence contains a grammatical error. Identify the segment that contains an error.
Judy solved the difficult problem by her own without anyone's help.

(a) without anyone's help
(b) by her own
(c) Judy solved
(d) the difficult problem

20. Select the most appropriate word to fill in the blank.
The 21st Kargil Vijay Diwas (Victory Day) was on .... 26th July across the country.
(a) concluded   (b) celebrated
(c) forgotten   (d) attended

Directions (Q. Nos. 21-25) *In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.*

According to a news report, schools are setting up adequate facilities and taking (1)......... to restart learning on campus hoping to reopen schools later, if not sooner. (2)......... schools are preparing themselves to restart, most parents are still not sure of sending their (3)......... to school. Parents of primary school children are particularly concerned about their children's (4)......... to health risks. Parents, in general, say that they have always tried to keep their children's away from (5)........., like mobile phones and tablets, but the current Covid-19 situation has forced the children into online learning, and they spend long hours in front of the screens.

21. Select the most appropriate option to fill in blank no. 1.
(a) steps   (b) tests
(c) conditions   (d) screening

22. Select the most appropriate option to fill in blank no. 2.
(a) While   (b) Whether
(c) Despite   (d) Because

23. Select the most appropriate option to fill in blank no. 3.
(a) students   (b) drivers
(c) children   (d) teachers

24. Select the most appropriate option to fill in blank no. 4.
(a) experience   (b) exposure
(c) suffering   (d) taking

25. Select the most appropriate option to fill in blank no. 5.
(a) lessons   (b) products
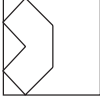(c) electronics   (d) devices

General Intelligence & Reasoning

26. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
12 * 6 * 54 * 6 * 7 = 70
(a) $\times - \div +$ (b) $\div + \times -$
(c) $\div + - \times$ (d) $- + \div \times$

27. Five persons, A, B, C, D, E and sitting around a circular table facing towards the centre.
1. A is the neighbour of E and D.
2. B is second to the left of D.
Who is to the immediate right of B?
(a) A   (b) C
(c) D   (d) E

28. Two statements are given, followed by four conclusions numbered I, II, III and IV.
Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements No fish is a pen.
　　　　　　All keys are pens.

Conclusions
　I. No key is a pen.
　II. No pen is a key.
　III. Some pens are keys.
　IV. Some keys are fishes.
(a) Both Conclusions I and IV follow.
(b) Only Conclusion III follows.
(c) Both Conclusions I and II follow.
(d) Only Conclusion I follows.

29. In a code language, 'AEROPLANE' is written as 'CCTMRJCLG'. How will 'CHOPPER' be written in the same language?
(a) EFQRNCT   (b) EJQRRGT
(c) EFQNRCT   (d) AJMRNGP

30. 'Pressure' is related to 'Pascal' and 'Electricity' is related to 'Watt' in the same way as 'Heat' is related to
(a) Ohm (b) Volt (c) Joule (d) Bar

31. In a code language, 'GOODLUCK' is written as 'MEWNFQQI'. How will 'FORTUNE' be written in the same language?
(a) GPWVTQH   (b) HQTVOHB
(c) QTHDVHJ   (d) PGWTQVH

32. A paper is folded and cut as shown below. How will it appear, when unfolded?

(a)　　(b)　　(c)　　(d)
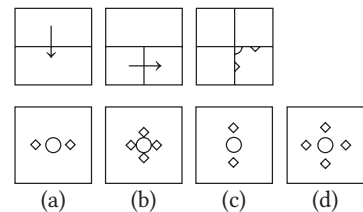
33. Which letter-cluster from the options will replace the question mark (?) to complete the given series?
ASDF, BUGJ, CWJN, ?
(a) DYMR   (b) DYKQ
(c) DXKO   (d) DXLQ

34. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
ABRUPT : BZUOUN : : SUDDEN : ?
(a) TSGZJH   (b) URGFJP
(c) URFGJP   (d) TSAHJH

35. Which two signs should be interchanged to make the given equation correct?
$48 \div 12 \times 3 + 5 - 4 = 21$
(a) $\div$ and $\times$ (b) $-$ and $\div$
(c) $\times$ and $+$ (d) $-$ and $\times$

36. 'IPL' is related to 'Cricket' in the same way as 'Wimbledon' is related to '.......'.
(a) Football   (b) Tennis
(c) Hockey   (d) Badminton

37. If 'CAPACITY' is coded as '81' and 'VOLUME' is coded as '91', then how will 'AMOUNT' be coded?
(a) 84   (b) 87
(c) 86   (d) 85

38. If 'DONKEY' is coded as '88' and 'SPARROW' is coded as '79', then how will 'PEGION' be coded?
(a) 73   (b) 96
(c) 85   (d) 91

39. Two statements are given, followed by two conclusions numbered I, II. Assuming the statements to be true, even If they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements
Some chairs are windows.
All windows are boards.
Conclusions
 I. All chairs are boards.
II. All boards are windows.
(a) Neither Conclusion I nor II follows
(b) Both Conclusions I and II follow
(c) Only Conclusion I follows
(d) Only Conclusion II follows

40. Which number from the options will replace the question mark (?) in the following series?
2, 4, 8, 32, 256, ?
(a) 8192   (b) 4096
(c) 2048   (d) 1024

41. Select the option in which the following figure is embedded (rotation is not allowed).

(a)   (b)   (c)   (d)

42. Which figure from the options will replace the question mark (?) in the following series?

(a)   (b)   (c)   (d)

43. Identify the figure that completes the given pattern.

(a)   (b)   (c)   (d)

44. Select the set in which the numbers are related in the same way as the numbers of the following set.
(12, 30, 204)
(a) (9, 12, 225)   (b) (11, 15, 236)
(c) (4, 12, 28)   (d) (15, 20, 265)

45. Six persons, Vinay, Madhav, Nilesh, Sagar, Arvind, Rajesh are standing in two rows facing towards each other such that three persons are in a rows.

1. Nilesh is between Arvind and Sagar.
2. Nilesh is not facing Vinay.
3. Madhav is facing Arvind.
What is Rajesh's position?
(a) Facing towards Vinay
(b) Between Vinay and Madhav
(c) Between Vinay and Arvind
(d) Facing towards Sagar

46. Select the Venn diagram that best illustrates the relationship between the following.
Tigers, Reptiles, Tortoises

(a)   (b)

(c)   (d)

47. Select the correct mirror image of the given figure, when the mirror is placed to the right side of the figure.
ANTONYMS

(a) ƧMYИOTИA   (b) ƧMYOИTИA
(c) ANTONYMS   (d) ƧWYИOTИA

48. Select the number pair in which the two numbers are related in the same way as the two numbers of the following number pair.
6 : 85
(a) 7 : 112   (b) 9 : 181
(c) 5 : 50   (d) 8 : 114

49. Which number from the options will replace the question mark (?) in following series?
3, 13, 53, 213, ?
(a) 942   (b) 853   (c) 640   (d) 1065

50. Select the option that arranges the following words in a logical and meaningful order.
1. Pupa   2. Egg
3. Adult   4. Larva
(a) 4, 2, 3, 1   (b) 2, 1, 4, 3
(c) 2, 4, 1, 3   (d) 4, 2, 1, 3

51. A retailer bought 250 kg of a cereal and sold it at a profit to the extent of what he paid for 160 kg. What is his profit percentage?
(a) 32　　　　(b) 64
(c) 36　　　　(d) 18

52. The father of a girl is three years older than his mother. Six years ago, the average age of the girl and her parents was 32 yr and the age of the father was twice the present age of his daughter. What is the present age (in years) of the mother?
(a) 48　　(b) 42　　(c) 45　　(d) 49

53. The ratio of two numbers is 4 : 5. If one is subtracted from the first number and two is added to the second number, then the ratio becomes 3 : 4. What will be the ratio, when eight and four are respectively added to the first and the second number?
(a) 2 : 3　　　　(b) 8 : 9
(c) 6 : 7　　　　(d) 1 : 5

54. The value of $120 \div \left[\dfrac{2}{3} \times \left(1 - \dfrac{2}{5}\right) \times 5\right]$
$+ \left[\dfrac{9}{8} \text{ of } \dfrac{4}{3} \div \dfrac{3}{4} \text{ of } \dfrac{2}{3}\right]$ is
(a) 62　　　　(b) 65
(c) 63　　　　(d) 60

55. What is the range of the distribution of a variable which takes the ten values.
17, 18, 27, 11, 24, 21, 34, 21, 17, 32, ?
(a) 23　　　　(b) 17
(c) 21　　　　(d) 15

56. The average of ten numbers is A. If c is subtracted from each number, except the tenth and $(c - 1)$ is subtracted from the tenth number, then what will be the new average?
(a) $A - c + 0.1$　　(b) $A - c$
(c) $A - c + 1$　　(d) $A - (0.1)c + 0.1$

57. The total surface area of a hemisphere is very nearly equal to that of an equilateral triangle. The side of the triangle is how many times (approximately) of the radius of the hemisphere?
(a) $\left(\dfrac{8\pi}{\sqrt{3}}\right)^{0.5}$　　(b) $\left(\dfrac{4\pi}{3}\right)^{0.5}$
(c) $(2\pi\sqrt{3})^{0.5}$　　(d) $(4\pi\sqrt{3})^{0.5}$

58. Two cyclists start simultaneously from two points A and B, their destinations being B and A, respectively. After crossing each other, they precisely take 2 h 33 min 36 s and 1 h 26 min 24 s respectively to reach their destinations. What is the ratio of the speed of the first to that of the second cyclist?
(a) 2 : 3　(b) 3 : 2　(c) 4 : 3　(d) 3 : 4

59. The fourth proportional of 18, 27, 68 is
(a) 136　　　　(b) 170
(c) 204　　　　(d) 102

60. By what percentage is the percentage of the number of vowels in the word CONSONANT less than the percentage of consonants in it?
(a) 33.33　　　　(b) 200
(c) 66.67　　　　(d) 50

61. Y takes five days more than X to finish a work. Working together, they finish the work in six days. In how many days can Y finish it working alone?
(a) 16　　　　(b) 12
(c) 15　　　　(d) 10

Directions (Q. Nos. 62-64) *Study the pie-chart and answer the questions that follow.*

The number of people applying for a passport from a city was monitored and it was found that the numbers (in multiples of hundred) during the first five months of 2019 were as follows January (M1)-248, February (M2)-134, March (M3)-162, April (M4)-94, May(M5)-72. These have been represented through the given pie chart.

The number of people (in multiples of hundred applying for a passport from a city during the first five months of 2019.
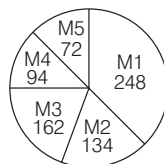
62. The number of people in M5 is what percentage (correct up to two decimal places) of that of the two months M3 and M4 combined?
(a) 20.12　　　　(b) 24.07
(c) 28.13　　　　(d) 21.24

63. What is the central angle (to the nearest degree) of the sector corresponding to M1?
(a) 104°　　　　(b) 117°
(c) 132°　　　　(d) 126°

64. If the number of people during M2 and M5 had respectively, been 50% less more than what has been presented in the pie chart, then what would be the central angle (nearest to degrees) of the sector corresponding to M5?
(a) 57　　(b) 65　　(c) 63　　(d) 52

65. The speed of light is very nearly equal to 3×10^{17} nanometre per second. How much time (in seconds) approximately, does it take light to travel from the moon to the Earth, the average distance between them being 384000 km?
(1 nanometer $= 10^{-9}$ metre)
(a) 38.4　(b) 12.8　(c) 3.84　(d) 1.28

66. When a rectangle is divided into three equal parts, each of them turns out to be a square of area 16 cm². What is the perimeter (in cm) of the rectangle?
(a) 64　　(b) 16　　(c) 32　　(d) 48

67. Two inlet pipes can separately fill a cistern completely in 8 h and 10 h, respectively. They are operated for 2 h, after which the second pipe is closed and an outlet pipe which can drain out water from the full cistern in 20 h is opened. How much time will it take to fill the cistern completely from the instant of opening to outlet pipe?
(a) 7 h　　　　(b) 8 h
(c) 7 h 20 min　　(d) 8 h 40 min

68. Simplify the following expression
$$\dfrac{45 \div 3 \times \dfrac{2}{3} + 1\dfrac{1}{3} \text{ of } 6\dfrac{2}{8} - 4\dfrac{1}{8}}{\dfrac{1}{2}\left[\left(2\dfrac{1}{4} + 1\dfrac{1}{2}\right) \div \left(\dfrac{1}{15} + \dfrac{1}{3} - \dfrac{9}{10}\right)\right]}.$$
(a) $-\dfrac{4}{9}$　(b) $-\dfrac{23}{6}$　(c) $\dfrac{68}{5}$　(d) $-\dfrac{8}{9}$

69. The interest compounded annually, on a sum of ₹ 3240 after two years is ₹ 370. What is the rate of interest, correct up to two decimal places?
(a) 5.26%　　　　(b) 4.67%
(c) 5.56%　　　　(d) 4.05%

70. The HCF of two 2-digit numbers is 19 and their sum is 152. What is their difference?
(a) 19   (b) 38
(c) 57   (d) 76

71. A certain sum was invested on simple interest for a period of seven years. During the period of the sixth and the seventh years combined, the interest earned was ₹ 292. If the maturity amount is ₹ 3942, then what is the rate percentage of the interest?
(a) 5   (b) 2
(c) 6.25   (d) 2.5

72. An article, whose list price was ₹ 720, was subject to two successive discounts of 20% and 10%. What is the amount (in ₹) of discount that a customer would get while purchasing the article?
(a) 198   (b) 190.8
(c) 201.6   (d) 216

73. If a shopkeeper purchases a certain number of items for a certain sum and sells a fraction of the said number for the same amount, then his profit is 300%. What is the fraction?
(a) $\frac{1}{4}$ (b) $\frac{1}{3}$ (c) $\frac{1}{6}$ (d) $\frac{1}{2}$

74. A bats woman missed her century by four runs in an innings, in which the scoring shorts in the form of sixes, fours, threes, twos and single, were in the proportion $1:3:2:7:10$. How many runs did she score in single?
(a) 20   (b) 16
(c) 10   (d) 12

75. The area (in cm^2) of a sector of a circle of radius 2 cm is $\frac{4\pi}{5}$. What is the central angle (in degrees) of the sector?
(a) 60   (b) 75
(c) 36   (d) 72

General Awareness

76. With which of the following countries is the 'Navanna' festival associated?
(a) Sri Lanka   (b) Bhutan
(c) Nepal   (d) Bangladesh

77. In which of the following years was Bahadur Shah II deposed by the British and exiled to Rangoon?
(a) 1698   (b) 1798
(c) 1857   (d) 1834

78. What is the strength of Maharashtra in the Lok Sabha as of September 2020?
(a) 48   (b) 35
(c) 56   (d) 39

79. Chutka Atomic Power is situated in which of the following states?
(a) Haryana
(b) Gujarat
(c) Madhya Pradesh
(d) Rajasthan

80. Who among the following was the first woman commando trainer in India?
(a) Avani Chaturvedi
(b) Damyanti Beshra
(c) Dr. Seema Rao
(d) Rani Rampal

81. Who among the following former Indian cricketers was appointed as the head coach of Uttarakhahd Cricket Team in June 2020?
(a) Rahul Dravid
(b) Wasim Jaffer
(c) Sachin Tendulkar
(d) Akash Chopra

82. In which of the following years was the Reserve Bank of India nationalised?
(a) 1935   (b) 1949
(c) 1927   (d) 1965

83. 'Kafull' is a delicacy of which of the following states cuisine?
(a) Punjab   (b) Assam
(c) Sikkim   (d) Uttarakhand

84. In which of the following sections of the Punjab Reorganisation Act, 1966 is Chandigarh defined as a Union Territory?
(a) Section 3   (b) Section 6
(c) Section 4   (d) Section 1

85. Who among the following was the chief economic advisor to the Government of India as of August 2020?
(a) Krishnamurthy Subramanian
(b) Ajay Bhushan Pandey
(c) Atanu Chakraborty
(d) Rajeev Kumar

86. .... are the oldest living tree species on Earth.
(a) Lone Cypress
(b) Redwood tree
(c) Tree of Life
(d) Bristlecone Pines

87. Which of the following is the highest mountain in Bhutan?
(a) Gangkhar Puensum
(b) Kula Kangri
(c) Jomolhari
(d) Gipmochi

88. In which of the following states is Pichola Lake located?
(a) Sikkim
(b) Manipur
(c) Rajasthan
(d) Maharashtra

89. Which of the following Articles of the Constitution of India deals with the duties and powers of the Comptroller and Auditor-General of India?
(a) Article 234
(b) Article 149
(c) Article 189
(d) Article 354

90. Which of the following diseases is caused by fungus?
(a) Ringworm   (b) Diarrhoea
(c) Small pox   (d) Polio

91. A/an .... is any substance that causes our immune system to produce antibodies against it.
(a) protein   (b) glucose
(c) platelet   (d) antigen

92. What is the full form of OCD?
(a) Obesity-Compulsive Disorder
(b) Obsession Controlling Device
(c) Obesity-Controlling Device
(d) Obsessive-Compulsive Disorder

93. Who among the following is the author of 'Vishesh : Code To Win'?
(a) Vishesh Bhriguvanshi
(b) Chetan Anand
(c) Nirupama Yadav
(d) Ashis Ray

94. World Cup-winning goalkeeper Iker Casillas announced his retirement from football in August 2020. To which of the following countries does he belong?
(a) Spain   (b) France
(c) Australia   (d) Canada

95. Anil Prakash Joshi received the Padma Bhushan Award 2020 in the field of ....
(a) social work   (b) arts
(c) public affairs (d) medicine

96. Who among the following has been appointed as the Chairman of the National Bank for Agriculture and Rural Development (NABARD) in May 2020?
(a) KV Kamath
(b) GR Chintala
(c) Shaji KV
(d) PVS Suryakumar

97. Indian Universities Commission was set up in which of the following years?
(a) 1902   (b) 1897
(c) 1882   (d) 1909

98. On which of the following dates is International Tiger Day observed?
(a) 12th May   (b) 10th January
(c) 5th November (d) 29th July

99. In which of the following years was the National Archives of India established?
(a) 1991   (b) 1891
(c) 1876   (d) 1956

100. With which of the following states is the dance form 'Povadas' associated?
(a) Odisha
(b) Bihar
(c) Maharashtra
(d) West Bengal

Answer Sheet

|									
1 *(a)*	2 *(b)*	3 *(d)*	4 *(a)*	5 *(c)*	6 *(a)*	7 *(c)*	8 *(d)*	9 *(b)*	10 *(c)*
11 *(c)*	12 *(c)*	13 *(b)*	14 *(c)*	15 *(a)*	16 *(a)*	17 *(b)*	18 *(d)*	19 *(b)*	20 *(b)*
21 *(a)*	22 *(a)*	23 *(c)*	24 *(b)*	25 *(d)*	26 *(a)*	27 *(b)*	28 *(b)*	29 *(c)*	30 *(c)*
31 *(a)*	32 *(d)*	33 *(a)*	34 *(a)*	35 *(d)*	36 *(b)*	37 *(b)*	38 *(b)*	39 *(a)*	40 *(a)*
41 *(d)*	42 *(a)*	43 *(a)*	44 *(d)*	45 *(b)*	46 *(d)*	47 *(a)*	48 *(b)*	49 *(b)*	50 *(c)*
51 *(b)*	52 *(c)*	53 *(b)*	54 *(c)*	55 *(a)*	56 *(a)*	57 *(d)*	58 *(d)*	59 *(d)*	60 *(d)*
61 *(c)*	62 *(c)*	63 *(d)*	64 *(a)*	65 *(d)*	66 *(c)*	67 *(c)*	68 *(b)*	69 *(c)*	70 *(b)*
71 *(a)*	72 *(c)*	73 *(a)*	74 *(a)*	75 *(d)*	76 *(d)*	77 *(c)*	78 *(a)*	79 *(c)*	80 *(c)*
81 *(b)*	82 *(b)*	83 *(d)*	84 *(c)*	85 *(a)*	86 *(d)*	87 *(a)*	88 *(c)*	89 *(b)*	90 *(a)*
91 *(d)*	92 *(d)*	93 *(c)*	94 *(a)*	95 *(a)*	96 *(b)*	97 *(a)*	98 *(d)*	99 *(b)*	100 *(c)*

Hints & Solutions

1. *(a)* 'Will have reached' is the correct answer.

2. *(b)* 'Esteem' means respect and admire. 'Regard' also means the same. Hence, option (b) is the correct answer.

3. *(d)* Part (d) contains an error. Replace it with 'should have done it' to improve the sentence.

4. *(a)* Replace the underlined part with 'the only' to improve the sentence.

5. *(c)* 'Hard' is the appropriate word for the given blank.

6. *(a)* 'Theirs' should be used in place of 'there's' to make the sentence meaningful.

7. *(c)* 'Me and my' is the appropriate word for the given blank.

8. *(d)* 'Absurd' means unreasonable and illogical. 'Reasonable' means logical. Hence, option (d) is the correct answer.

9. *(b)* 'Extinguish' means to stop something from burning.

10. *(c)* Part (c) has an error. Add 'to' after 'listens' to make the sentence, error free.

11. *(c)* The idiom 'cover up' means to hide or conceal.

12. *(c)* 'Believe' is a correctly spelt word.

13. *(b)* 'Corroborate' means to confirm or support something.

14. *(c)* 'Closure' is the correctly spelt word.

15. *(a)* The idiom 'make up with (someone)' means being closed or ignore the differences with (someone).

16. *(a)* 'Similarity' is the antonym of 'difference'.

17. *(b)* 'Frigid' means freezing. Hence, option (b) is the correct answer.

18. *(d)* Replace the underlined part with 'could' to make the sentence meaningful.

19. *(b)* Part (b) has an error. 'on her own' should be used in place of 'by her own'.

20. *(b)* 'Celebrated' is the most appropriate word for the given blank.

21. *(a)* 'Steps' is the correct answer.

22. *(a)* 'While' is the correct answer.

23. *(c)* 'Children' is the correct answer.

24. *(b)* 'Exposure' is the correct answer.

25. *(d)* 'Devices' is the correct answer.

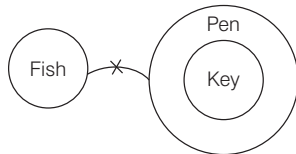**26.** *(a)* Given expression, 12 * 6 * 54 * 6 * 7 = 70
From option (a), we get

$\Rightarrow$ $\qquad 12 \times 6 - 54 \div 6 + 7 = 70$

$\Rightarrow$ $\qquad 12 \times 6 - 9 + 7 = 70$

$\Rightarrow$ $\qquad 72 - 9 + 7 = 70$

$\Rightarrow$ $\qquad 72 - 2 = 70$

$\Rightarrow$ $\qquad 70 = 70$

27. *(b)* According to the question, the arrangement is as follows
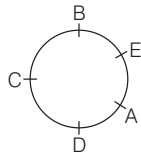
Hence, C is to the immediate right of B.

28. *(b)* According to the statements,

Conclusions I. ✗   II. ✗   III. ✓   IV. ✗

Hence, only Conclusions III follows.

29. *(c)* As,

Similarly,

30. *(c)* As, unit of 'Pressure' is 'Pascal'. Similarly unit of 'Heat' is 'Joule'.

31. *(a)* As,

Similarly,

32. *(d)* The paper will look like the figure as given in option (d).

33. *(a)* The pattern of the series is as follows,

$\therefore$ $\qquad ? = DYMR$

34. *(a)* As,

Similarly,

35. *(d)* Given expression,

$\qquad 48 \div 12 \times 3 + 5 - 4 = 21$

From option (d), interchanging $-$ and $\times$

$\Rightarrow$ $\qquad 48 \div 12 - 3 + 5 \times 4 = 21$

$\Rightarrow$ $\qquad 4 - 3 + 20 = 21$

$\Rightarrow$ $\qquad 24 - 3 = 21 \Rightarrow 21 = 21$

36. *(b)* As, 'IPL' is a 'Cricket' tournament, similarly 'Wimbledon' is a 'Tennis' tournament.

37. *(b)* As,   C A P A C I T Y

$3+1+16+1+3+9+20+25 = 78$

$\Rightarrow$ $\qquad 78 + 3 = 81$

and   V O L U M E

$22+15+12+21+13+5 = 88$

$\Rightarrow$ $\qquad 88 + 3 = \boxed{91}$

Similarly, A M O U N T

$1+13+15+21+14+20 = 84$

$\Rightarrow$ $\qquad 84 + 3 = \boxed{87}$

38. *(b)* As, here each letter is coded with their reverse alphabetical position.
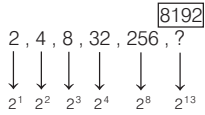

39. *(a)* According to the statements,

Conclusions I. ✗   II. ✗

Hence, neither Conclusion I nor II follows.

40. *(a)* The pattern of the series is as follows,

$$2 , 4 , 8 , 32 , 256 , \boxed{8192}$$
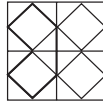$$2^1 \quad 2^2 \quad 2^3 \quad 2^4 \quad 2^8 \quad 2^{13}$$

Here the series of exponents (power) is a fabonacci series,

$$1 + 2 = 3$$
$$2 + 3 = 5$$
$$5 + 8 = 13$$

41. *(d)* The figure given in the question is embedded in the answer figure option (d).

42. *(a)* Figure given in option (a) will complete the given figure series.

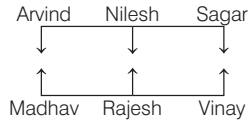**43.** *(a)* Figure given in option (a) will complete the given pattern.

44. *(d)* As, (12, 30, 204)

$$\Rightarrow \qquad (12)^2 + (30 \times 2) = 144 + 60 = 204$$

Similarly, (15, 20, 265)

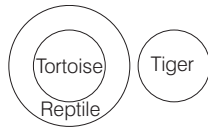$$\Rightarrow \qquad (15)^2 + (20 \times 2) = 225 + 40 = 265$$

45. *(b)* According to the question, the arrangement is as follows,

Hence, Rajesh is between Vinay and Madhav.

46. *(d)* According to the questions

Tortoise is a reptile whereas tiger is different.

47. *(a)* Image given in option (a) is the correct mirror image of the given question figure.
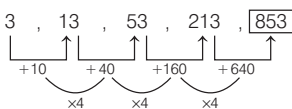
ANTONYMS ⁞ ƧMYИOTИA

48. *(b)* As, (6 : 85)

$$\Rightarrow \qquad 6^2 + (6 + 1)^2 = 6^2 + 7^2 = 36 + 49 = 85$$
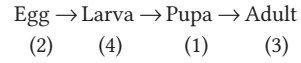
Similarly, (9 : 181)

$$\Rightarrow \qquad 9^2 + (9 + 1)^2 = 9^2 + (10)^2 = 81 + 100 = 181$$

49. *(b)* The pattern of the series is as follows,

$$3 \quad , \quad 13 \quad , \quad 53 \quad , \quad 213 \quad , \quad \boxed{853}$$
$$+10 \qquad +40 \qquad +160 \qquad +640$$
$$\times 4 \qquad \times 4 \qquad \times 4$$

$$\therefore \qquad ? = 853$$

50. *(c)* The logical and meaningful order of the words is,

$$\text{Egg} \rightarrow \text{Larva} \rightarrow \text{Pupa} \rightarrow \text{Adult}$$
$$(2) \qquad (4) \qquad (1) \qquad (3)$$

51. *(b)* Required profit percentage $= \dfrac{160}{250} \times 100 = 64\%$

52. *(c)* Let the present age of mother be x yr.

Then, present age of father $= (x + 3)$ yr

Now 6 yr ago,

Age of father $= 2 \times$ present age of daughter

$$x + 3 - 6 = 2 \times \text{present age of daughter}$$
$$x - 3 = 2 \times \text{present age of daughter}$$

present age of daughter $= \dfrac{x - 3}{2}$ yr,

According to the question,

Average of their ages 6 yr ago $= 32$

$$\Rightarrow \frac{(x - 6) + (x + 3 - 6) + \left(\dfrac{x - 3}{2} - 6\right)}{3} = 32$$

$$\Rightarrow \qquad x - 6 + x - 3 + \frac{x - 3}{2} - 6 = 96$$

$$\Rightarrow \qquad x + x + \frac{x - 3}{2} - 15 = 96$$

$$\Rightarrow \qquad \frac{4x + x - 3 - 30}{2} = 96$$

$$\Rightarrow \qquad 5x - 33 = 192$$
$$\Rightarrow \qquad 5x = 225$$
$$\therefore \qquad x = 45 \text{ yr}$$

53. *(b)* Let the two numbers be $4x$ and $5x$ respectively.

According to the question,

$$\frac{4x - 1}{5x + 2} = \frac{3}{4}$$

$$\Rightarrow \qquad 16x - 4 = 15x + 6$$
$$x = 10$$

Required ratio $= \dfrac{4x + 8}{5x + 4} = \dfrac{4 \times 10 + 8}{5 \times 10 + 4} = \dfrac{48}{54} = \dfrac{8}{9} = 8 : 9$

54. *(c)* $120 \div \left[\dfrac{2}{3} \times \left(1 - \dfrac{2}{5}\right) \times 5\right] + \left[\dfrac{9}{8} \text{ of } \dfrac{4}{3} \div \dfrac{3}{4} \text{ of } \dfrac{2}{3}\right]$

$$= 120 \div \left[\frac{2}{3} \times \frac{3}{5} \times 5\right] + \left[\left(\frac{9}{8} \times \frac{4}{3}\right) \div \left(\frac{3}{4} \times \frac{2}{3}\right)\right]$$

$$= 120 \div 2 + \left[\frac{3}{2} \div \frac{1}{2}\right] = 120 \div 2 + \left[\frac{3}{2} \times 2\right]$$

$$= \frac{120}{2} + 3 = 60 + 3 = 63$$

55. *(a)* Range = Highest observation − Lowest observation
$$= 34 - 11 = 23$$

56. *(a)* Sum of 10 numbers $= 10\,A$

New average $= \dfrac{10A - 9c - (c - 1)}{10} = \dfrac{10A - 9c - c + 1}{10}$

$$= \frac{10A - 10c + 1}{10} = A - c + 0.1$$

57. *(d)* Let 'r' be the radius of hemisphere and 'a' be the side of equilateral triangle.

∴ Total surface area of hemisphere = Area of an equilateral triangle

$$3\pi r^2 = \frac{\sqrt{3}}{4}a^2$$

$$\Rightarrow \qquad a^2 = \sqrt{3}\pi r^2 \times 4$$

$$\Rightarrow \qquad a^2 = 4\pi\sqrt{3} \times r^2$$

$$\Rightarrow \qquad a = (4\pi\sqrt{3})^{0.5} \times r$$

Hence, the side of triangle is $(4\pi\sqrt{3})^{0.5}$ times the radius of hemisphere.

58. *(d)* Time taken by cyclist from point A to point $B (T_1) = 2$ h 33 min 36 s

$$= (2 \times 3600) + (33 \times 60) + 36 = 9216 \text{ s}$$

Time taken by cyclist from point B to point $A(T_2) = 1$ h 26 min 24 s $= (1 \times 3600) + (26 \times 60) + 24 = 5184$ s

We know that,

Ratio of speeds of first to that of the second cyclist $= \sqrt{\dfrac{T_2}{T_1}}$

$$= \sqrt{\frac{5184}{9216}} = \sqrt{\frac{9}{16}} = 3 : 4$$

59. *(d)* Let the fourth proportion be x.

$$\therefore \qquad \frac{18}{27} = \frac{68}{x} \Rightarrow x = \frac{27 \times 68}{18}$$

$$\Rightarrow \qquad x = 102$$

60. *(d)* **Word** CONSONANT

Vowel O, O, A (3 letters)

Consonants $= C, N, S, N, N, T$ (six letters)

Required percentage $= \dfrac{6-3}{6} \times 100 = 50\%$

61. *(c)* Let Y can complete the work in y days,

∴ x alone can complete the work in $(y - 5)$ days.

According to the question,

$$\Rightarrow \qquad \frac{1}{y} + \frac{1}{y-5} = \frac{1}{6}$$

$$\Rightarrow \qquad \frac{y-5+y}{y(y-5)} = \frac{1}{6}$$

$$\Rightarrow \qquad \frac{2y-5}{y^2-5y} = \frac{1}{6}$$

$$\Rightarrow \qquad 12y - 30 = y^2 - 5y$$

$$\Rightarrow \qquad y^2 - 17y + 30 = 0$$

$$\Rightarrow \qquad y^2 - 15y - 2y + 30 = 0$$

$$\Rightarrow \qquad y(y-15) - 2(y-15) = 0$$

$$\Rightarrow \qquad (y-15)(y-2) = 0$$

$$\qquad y = 15$$

$$\qquad y = 2 \text{ (not possible)}$$

Hence, y can alone complete that work in 15 days.

62. *(c)* Number of persons applying in month M_3 and M_4

$$= (162 + 94) \times 100 = 25600$$

Number of persons applying in month $M_5 = 7200$

∴ Required percentage $= \dfrac{7200}{25600} \times 100 \approx 28.13\%$

63. *(d)* Central angle of the sector corresponding to $M1$

$$= \frac{248}{(248 + 134 + 162 + 94 + 72)} \times 360° = \frac{248}{710} \times 360° \approx 126°$$

64. *(a)* Number of people applying for passport in month, $M2$

$$= 134 - \frac{1}{2} \times 134 = 67$$

and mouth $M5 = 72 + \dfrac{1}{2} \times 72 = 108$

The central angle of $M5$

$$= \frac{108}{(248 + 67 + 162 + 94 + 108)} \times 360° = \frac{108}{679} \times 360° \approx 57°$$

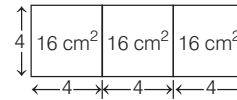**65.** *(d)* Speed of light $= 3 \times 10^{17}$ nm/s $= 3 \times 10^{17} \times 10^{-9}$ m/s

$$= 3 \times 10^8 \text{ m/s}$$

Distance between Moon and Earth $= 384000$ km $= 384000 \times 1000$ m

Required time $= \dfrac{\text{Distance}}{\text{Speed}} = \dfrac{384000 \times 1000}{3 \times 10^8} = 1.28$ s

66. *(c)*

Let the edge of each square be a cm.

Then, $a^2 = 16$, $a = 4$ cm

Length of rectangle $(l) = 3 \times a = 3 \times 4 = 12$ cm

Width of rectangle $(b) = a = 4$ cm

Perimeter of rectangle $= 2(l + b) = 2(12 + 4) = 32$ cm

67. *(c)* Let time taken by all the pipes to fill the cistern completely be x h

According to the question, $\dfrac{x}{8} + \dfrac{2}{10} - \dfrac{x-2}{20} = 1$

$$\Rightarrow \qquad \frac{5x + 8 - 2x + 4}{40} = 1$$

$$\Rightarrow \qquad 3x = 40 - 12$$

$$\Rightarrow \qquad 3x = 28 \Rightarrow x = \frac{28}{3}$$

∴ Required time $= x - 2 = \dfrac{28}{3} - 2 = \dfrac{28-6}{3} = \dfrac{22}{3} = 7$ h 20 min

68. *(b)* $\dfrac{45 \div 3 \times \dfrac{2}{3} + 1\dfrac{1}{3} \text{ of } 6\dfrac{3}{8} - 4\dfrac{1}{8}}{\dfrac{1}{2}\left[\left(2\dfrac{1}{4} + 1\dfrac{1}{2}\right) \div \left(\dfrac{1}{15} + \dfrac{1}{3} - \dfrac{9}{10}\right)\right]}$

$$= \frac{15 \times \dfrac{2}{3} + \dfrac{4}{3} \times \dfrac{51}{8} - \dfrac{33}{8}}{\dfrac{1}{2}\left[\left(\dfrac{9}{4} + \dfrac{3}{2}\right) \div \left(\dfrac{2 + 10 - 27}{30}\right)\right]}$$

$$= \frac{10 + \dfrac{17}{2} - \dfrac{33}{8}}{\dfrac{1}{2}\left[\left(\dfrac{9}{4} + \dfrac{3}{2}\right) \div -\dfrac{15}{30}\right]}$$

$$= \frac{\left(\frac{80 + 68 - 33}{8}\right)}{\frac{1}{2}\left[\left(\frac{9}{4} + \frac{3}{2}\right) \times - 2\right]} = \frac{\left(\frac{115}{8}\right)}{\frac{1}{2}\left[\frac{15}{4} \times - 2\right]}$$

$$= \frac{\left(\frac{115}{8}\right)}{\left(-\frac{15}{4}\right)} = -\frac{115}{8} \times \frac{4}{15} = -\frac{23}{6}$$

69. *(c)* Let the rate of interest be $r\%$ per annum.

$$\therefore \qquad CI = P\left[\left(1 + \frac{r}{100}\right)^n - 1\right]$$

$$\Rightarrow \qquad 370 = 3240\left[\left(1 + \frac{r}{100}\right)^2 - 1\right]$$

$$\Rightarrow \frac{370}{3240} = \left(1 + \frac{r}{100}\right)^2 - 1 \Rightarrow \frac{37}{324} + 1 = \left(1 + \frac{r}{100}\right)^2$$

$$\Rightarrow \frac{361}{324} = \left(1 + \frac{r}{100}\right)^2 \Rightarrow \frac{r}{100} = \frac{1}{18}$$

$$\therefore \qquad r = \frac{100}{18} = 5.56\%$$

70. *(b)* Let the two numbers be $19x$ and $19y$ respectively,

Then, $19x + 19y = 152 \Rightarrow x + y = 8$

Possible value of (x, y) are (1, 7) (2,6) (3, 5) but the numbers are 2-digits, then $x = 3, y = 5$

∴ Numbers are, $19 \times 3 = 57$ and $19 \times 5 = 95$

Hence, Required difference = $95 - 57 = 38$

71. *(a)* Let $r\%$ be the rate of interest per annum be ₹ P be the principal.

Interest for 2 yr = 292

$$\frac{P \times r \times 2}{100} = 292$$

$$P \times r = 14600 \Rightarrow P = \frac{14600}{r}$$

Amount for first 5 yr = ₹ (3942 − 292) = ₹ 3650

$$3650 - P = \frac{P \times r \times 5}{100}$$

$$\Rightarrow \qquad 3650 - P = \frac{\frac{14600}{r} \times r \times 5}{100}$$

$$\Rightarrow \qquad 3650 - P = 730 \Rightarrow P = 3650 - 730$$

$$\Rightarrow \qquad P = ₹ \ 2920$$

$$\therefore \qquad r = \frac{14600}{p} = \frac{14600}{2920} = 5\%$$

Hence, rate of interest is 5 percentage per annum.

72. *(c)* Total discount percent age $= 20 + 10 - \frac{20 \times 10}{100} = 30 - 2 = 28\%$

Amount of discount $= \frac{28}{100} \times 720 = ₹ \ 201.6$

73. *(a)* Let the total units of items = x

and   CP of all the items = ₹ y

Then, CP of 1 item = ₹$\frac{y}{x}$

Now, Let the required fractions be $\frac{1}{p}$

SP of $\frac{1}{p}x$ items = ₹ y

SP of 1 such item = ₹ $\frac{y}{\left(\frac{x}{p}\right)}$

Profit percentage $= \frac{\text{Profit}}{\text{CP}} \times 100$

$$300 = \frac{\frac{y}{\left(\frac{x}{p}\right)} - \frac{y}{x}}{\frac{y}{x}} \times 100$$

$$\Rightarrow \qquad 3 = (p - 1) \Rightarrow p = 4$$

Hence, the required fraction is $\frac{1}{p} = \frac{1}{4}$

74. *(a)* Let the number of runs scored in sixes, fours, threes, twos and singles are $x, 3x, 2x, 7x$ and $10x$ respectively.

According to the question,

$\Rightarrow 6x + 4 \times (3x) + 3 \times (2x) + 2 \times (7x) + 10x = 96$

$\Rightarrow \qquad 6x + 12x + 6x + 14x + 10x = 96$

$\Rightarrow \qquad\qquad\qquad\qquad\qquad 48x = 96$

$\Rightarrow \qquad\qquad\qquad\qquad\qquad x = \frac{96}{48} = 2$

∴ Runs scored in singles $= 10x = 10 \times 2 = 20$

75. *(d)* Radius $(r) = 2$ cm,

Area $(A) = \frac{4\pi}{5}$

Let the central angel be θ,

Then, $\frac{\theta}{360°} \times \pi r^2 = A$

$$\frac{\theta}{360°} \times \pi \times 2^2 = \frac{4\pi}{5}$$

$$\theta = \frac{360°}{5}$$

$$\theta = 72°$$

76. *(d)* 'Navanna' is a Bengali harvest celebration usually celebrated with food and dance and music in Bangladesh and in the Indian states of West Bengal, Tripura and Assam's Barak Valley.

77. *(c)* Bahadur Shah II was arrested by the British Army after it captured Delhi in September, 1857. After the rebellion was put down by the British, he was tried and exiled to Burma (Myanmar) with his family.

78. *(a)* The strength of Maharashtra is 48 in Lok Sabha as of September, 2020. The Lok Sabha is also known as 'House of people' is the Lower House of Indian Parliament. The maximum member of Lok Sabha (Lower House) allotted by Constitution of India is 552. Presently, 17th Lok Sabha is working which is elected in May, 2019.

79. *(c)* The Chutka Nuclear Power Plant is a proposed nuclear power plant to be built on a 1,200 acres area, near Chutka Village of Mandla district of Madhya Pradesh. The site is near Kanha National Park, one of the tiger reserves of India and the largest national park of Madhya Pradesh state in India.

80. *(c)* **Wonder Woman** Dr Seema Rao, India's first and only woman Commando trainer. Dr Seema Rao has spent 25 years of her life in training the 20000 soldiers from the Indian Armed Forces, Paramilitary and Police without any compensation.

81. *(b)* Former Indian opener Wasim Jaffer has been appointed head coach of the Uttarakhand cricket team. The most elevated run-getter in Ranji Trophy, Jaffer had reported retirement in March this year. This will be his first spell as a lead trainer with a Team.

82. *(b)* The Reserve Bank of India was nationalised with effect from 1st January, 1949 on the basis of the Reserve Bank of India (Transfer to Public Ownership) Act, 1948. All shares in the capital of the Bank were deemed transferred to the Central Government on payment of a suitable compensation.

83. *(d)* Kafull is a delicacy of Uttarakhand prepared out of leafy greens such as palak (spinach) and methi (fenugreek) leaves. It is also known as Dhapdi in Garhwal.

84. *(c)* According to Section 4 of Punjab Reorganisation Act 1966, there shall be formed a new Union Territory to be known as the Union Territory of Chandigarh comprising such of the territories of Manimajra and Manauli Kanungo circles of Kharar tahsil of Ambala district in the existing State of Punjab as are specified in the Second Schedule.

85. *(a)* Krishnamurthy Venkata Subramanian is an Indian economist and ex Chief Economic Adviser to the Government of India, officially being appointed to the position on 7th December, 2018.

86. *(d)* The Great Basin Bristlecone Pine (Pinus Longaeva) has been deemed the oldest tree in existence, reaching an age of over 5,000 years old. The Bristlecone pines' success in living a long life can be attributed to the harsh conditions it lives in.

87. *(a)* Gangkhar Puensum or Gankar Punzum) is the highest mountain in Bhutan and the highest unclimbed mountain in the world, with an elevation of 7,570 metres (24,836 ft) and a prominence of 2,995 metres (9,826 ft). Its name means 'White Peak of the Three Spiritual Brothers'.

88. *(c)* Lake Pichola, situated in Udaipur city in the Indian state of Rajasthan, is an artificial fresh water lake, created in the year 1362 AD, named after the nearby Picholi village. It is one of the several contiguous lakes, and developed over the last few centuries in and around the famous Udaipur city.

89. *(b)* Article 149 denotes Duties and powers of India the Comptroller and Auditor General (CAG) of India The Comptroller and Auditor General shall perform such duties and exercise such powers in relation to the accounts of the Union and of the States and of any other authority or body as may be prescribed by or under any law made by Parliament and, until provision in that behalf is so made, shall perform such duties and exercise such powers in relation to the accounts of the Union and of the States as were conferred on

or exercisable by the Auditor General of India immediately before the commencement of this Constitution in relation to the accounts of the Dominion of India and of the Provinces respectively.

90. *(a)* Ringworm is a common infection of the skin and nails that is caused by fungus. The infection is called "ringworm" because it can cause an itchy, red, circular rash. Ringworm is also called "tinea" or "dematophytosis".

91. *(d)* An antigen is any substance that causes our immune system to produce antibodies against it. This means our immune system does not recognise the substance, and is trying to fight it off. An antigen may be a substance from the environment, such as chemicals, bacteria, viruses, or pollen.

92. *(d)* Excessive thoughts (obsessions) that lead to repetitive behaviours (compulsions). Obsessive-compulsive disorder is characterised by unreasonable thoughts and fears (obsessions) that lead to compulsive behaviours. OCD often centres on themes such as a fear of germs or the need to arrange objects in a specific manner. Symptoms usually begin gradually and vary throughout life. Treatment includes talk therapy, medication or both.

93. *(c)* The book, titled 'Vishesh: Code To Win', has been written by sportswoman- turned-author Nirupama Yadav and published by the publishing house Bluerose. The book is set to be released on 29th August, the National Sports Day.

94. *(a)* Spain's World Cup-winning captain and goalkeeper Iker Casillas announced retirement from the professional football on 4th August, 2020.

95. *(a)* While Dr. Joshi was given the award for his efforts as a changemaker in environmental sustainability sector by impacting over 10,000 villages in the Himalayan region through his Himalayan Environmental Studies & Conservation Organisation, Vidyut was acknowledged for his seminal and ingenious efforts in combating air.

96. *(b)* Dr. GR Chintala is the Chairman of National Bank for Agriculture and Rural Development (NABARD) with effect from 27th May, 2020.

97. *(a)* The Indian Universities Commission was a body appointed in 1902 on the instructions of Lord Curzon which was intended to make recommendations for reforms in University education in India.

98. *(d)* Global Tiger Day, often called International Tiger Day, is an annual celebration to raise awareness for tiger conservation, held annually on 29th July. It was created in 2010 at the Saint Petersburg Tiger Summit in Russia.

99. *(b)* The National Archives of India is the custodian of the records of enduring value of the Government of India. Established on 11th March, 1891 at Calcutta (Kolkata) as the Imperial Record Department, it is the biggest archival repository in South Asia.

100. *(c)* Povadas are the folk dance of Maharashtra. It is presented in the Marathi ballads form. This dance form describes the events in the life of the great Maratha ruler, Shri Chhatrapati Shivaji Maharaj. Shivaji was the founder of the Maratha Empire, and did a lifelong struggle against the Mughals.

Solved Paper

02 November, 2021
II Shift

Instructions

✓ This paper contains 100 questions.
✓ This paper has 4 parts, Part I General English, Part II General Intelligence & Reasoning, Part III Numerical Ability, Part IV General Awareness
✓ Each question carries 1 mark.

General English

1. Select the word which means the same as the group of words given.
One who is mentally not sound.
(a) Brainy   (b) Lunatic
(c) Miserly   (d) Mindful

2. Select the most appropriate antonym of the given word.
Ignorant
(a) Learned   (b) Simple
(c) Crude   (d) Innocent

3. Identify the segment in the sentence which contains a grammatical error.
The ship was facing very stronger currents in the ocean.
(a) very stronger currents
(b) was facing
(c) The ship
(d) in the ocean

4. Select the word which means the same as the group of words given.
One who can use both hands equally well.
(a) Multitalented (b) Multifaceted
(c) Ambidextrous (d) Ambivalent

5. Identify the segment in the sentence which contains a grammatical error.
The man was enjoyed the view from his terrace.
(a) the view   (b) from is terrace
(c) was enjoyed   (d) The man

6. Select the most appropriate synonym of the given word.
Angry
(a) Wild   (b) Enraged
(c) Dull   (d) Calm

7. Select the most appropriate Synonym of the given word.
Wane
(a) Increase   (b) Rise
(c) Decline   (d) Drown

8. Select the most appropriate antonym of the given word.
Partner
(a) Associate   (b) Opponent
(c) Participant   (d) Friend

9. Select the incorrectly spelt word.
(a) Resourceful
(b) Illiterate
(c) Confidential
(d) Maintainance

10. Select the most appropriate meaning of the given idiom.
A bolt from the blue
(a) Sudden event that is welcome
(b) Loud thunder and lightning
(c) Unexpected and surprising event
(d) Sky getting filled with blue light

11. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
The ostrich is a peculiar bird, <u>sometimes it prefer to</u> run around in circles.
(a) No substitution required
(b) sometimes it prefers to
(c) sometimes it prefer to
(d) sometimes its prefer to

12. Identify the segment in the sentence which contains a grammatical error.
The poster was make by the hard-working students of class nine.
(a) by the hard-working
(b) was make
(c) students of class nine
(d) The poster

13. Select the most appropriate word to fill in the blank.
I am sure there is some truth in the news. There is no smoke .... fire.
(a) with   (b) within
(c) where   (d) without

14. Select the incorrectly spelt word.
(a) Confusion   (b) Heavily
(c) Grammar   (d) Allmighty

15. Select the most appropriate word to fill in the blank.
There was once a very .... king, Julius Caesar, who wanted to rule the whole world.
(a) contented
(b) faithful
(c) ambitious
(d) adventurous

16. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
During his research, the forest officer was pleasantly surprised to find that the population of tigers <u>had increased</u>.
(a) is to increase
(b) have increased
(c) No substitution required
(d) has increase

17. Select the most appropriate word to fill in the blank.
Keeping distance from others is one of the .... one must take to remain safe from the coronavirus.
(a) habits   (b) points
(c) issues   (d) precautions

18. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
They are making a lot of noise, <u>isn't it</u> ?
(a) haven't they
(b) are they
(c) aren't they
(d) No substitution required

19. Select the most appropriate meaning of the given idiom.
Herculean task
(a) Very easy task
(b) Very tough task
(c) Very old task
(d) Very pleasant task

20. Select the most appropriate word to fill in the blank.
There is .... a lot to learn from nature.
(a) about   (b) hardly
(c) quite   (d) almost

Directions (Q. Nos. 21-25) *In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.*

Nawab Mir Osman Ali Khan was the last ruler of Hyderabad, the largest princely state in British India. He ascended the throne (1)...... the age of 25 and ruled Hyderabad for 37 years. He (2)....... on the cover of Time magazine as the (3)....... person at the time. He was the 5th richest man in (4) .... history of mankind and the richest Indian who ever lived. He was a (5)....... ruler who encouraged education, science and development.

21. Select the most appropriate option to fill in blank no. 1.
(a) with   (b) of   (c) at   (d) to

22. Select the most appropriate option to fill in blank no. 2.
(a) had feature   (b) is feature
(c) was featured   (d) have featured

23. Select the most appropriate option to fill in blank no. 3.
(a) richer   (b) rich
(c) most rich   (d) richest

24. Select the most appropriate option to fill in blank no. 4.
(a) the   (b) a   (c) one   (d) an

25. Select the most appropriate option to fill in blank no. 5.
(a) jealous   (b) cruel
(c) benevolent   (d) wicked

General Intelligence & Reasoning

26. Select the option that will come next in the following figure series.

(a)   (b)   (c)   (d)
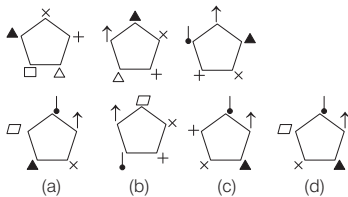
27. In a certain language, if the signs + and ×, and the digits 3 and 8 are interchanged, then what is the value of the following expression?
$6 \times 35 \div 5 + 8 - 9$
(a) 101   (b) 48   (c) 44   (d) 31

28. In a certain language, if '+' means 'subtraction', '×' means 'division', '÷' means 'addition' and '−' means 'multiplication', then find the value of the following expression (BODMAS rule does not apply in that language).
$8 \div 16 \times 4 + 2 - 3$
(a) 1   (b) 12   (c) 9   (d) 5

29. Select the number that will replace the question marks (?) in the given number series.
11, 12, 13, 13, 17, 16, 23, ?, ?
(a) 21, 31 (b) 25, 33 (c) 23, 27 (d) 23, 29

30. In the question below, three statements are given, followed by four conclusions, numbered 1, 2, 3 and 4. Assuming the statements to be true, choose the appropriate option regarding the conclusions.
Statements
  I. All doctors are lawyers.
 II. Some lawyers are engineers.
III. All engineers are brokers.
Conclusions
  1. Some engineers are doctors.
  2. Some brokers are lawyers.
  3. Some brokers are doctors.
  4. Some lawyers are doctors.
(a) None of the Conclusions follow
(b) Only Conclusions 2 and 4 follow
(c) All the conclusions follow
(d) Only Conclusions 1 and 3 follow

31. Select the combination of letters that, when sequentially placed in the blanks of the given series will complete the series.
_ c _ d d _ c a _ c b d d b _ a
(a) abcac   (b) caddb
(c) abbac   (d) cdaba

32. Select the figure from the options, which is embedded in the given question figure.

(a)   (b)   (c)   (d)
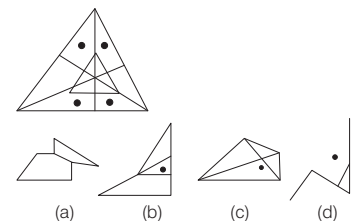
Directions (Q. Nos. 33 and 35) *Read the following information carefully and answer the given question.*

In a year-end examination, 6 papers—Maths, Physics, Geography, Economics, Chemistry

and History are scheduled on 6 consecutive days of a week (Monday-Saturday).
1. Maths paper is after the Chemistry paper, with a 1-day gap between them.
2. Physics paper is on Monday.
3. Geography paper is not on the last day.
4. History paper, which is scheduled on the previous day of the Maths paper, has a two-day gap with the Physics paper.

33. Which paper is scheduled on Saturday?
(a) Chemistry   (b) Economics
(c) History   (d) Maths

34. In the above description, the History paper was cancelled due to in completion of syllabus and the exam was scheduled for five days (Monday-Friday), with the order of the papers reversed.
Which paper was scheduled on Thursday?
(a) Physics   (b) Geography
(c) Maths   (d) Chemistry

35. Select the number that will replace the question mark (?) in the given number series.
146, 90, 56, 34, 22, ?
(a) 12   (b) 10   (c) 14   (d) 16

36. In the question below, two statements are given, followed by two conclusions numbered 1, 2. Assuming the statements to be true, choose the appropriate option regarding the conclusions.
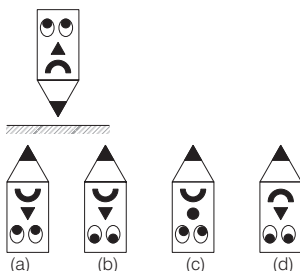**Statements**
  I. Amit is a good fielder.
  II. All fielders have big hands.
Conclusions
  1. All people with big hands are fielders.
  2. Amit has big hands.
(a) Both the Conclusions follow
(b) Only Conclusion 1 follows
(c) Neither conclusion follows
(d) Only Conclusion 2 follows

37. Select the mirror image of the following figure (not the position of the mirror).

38. Select the number triad that is analogous to the given triads.
(64, 8, 65), (125, 27, 89)
(a) (100, 23, 90)   (b) (216, 1, 81)
(c) (49, 36, 25)   (d) (83, 24, 95)

39. In a certain code language, if 'raghav plays hockey' is written as 'xfjdni rzzmo ubghzs', then 'arun works hard' will be written as :
(a) eqxi rlqpv mxwa
(b) eqxi rjsnx mvqb
(c) cszi rlqpv mvqb
(d) cszi rjsnx mvwb

40. Select the number pair that is analogous to the given pair.
46 : 61
(a) 60 : 28   (b) 521 : 52
(c) 27 : 3   (d) 612 : 36

41. Select the name from the options that is similar to the given set of names in a certain manner.
Bismillah Khan, JRD Tata, M Visvesvaraya, Sachin Tendulkar
(a) Mahatma Gandhi
(b) Baba Amte
(c) Pranab Mukherjee
(d) Viswanathan Anand

42. Select the letter that will replace the question mark (?) in the given letter series.
a, d, h, n, ?
(a) w   (b) y   (c) a   (d) v

43. In a certain code language, if storm = 15, apple = 6, virtue = 35, then cupboard = ?
(a) 23   (b) 37   (c) 45   (d) 31

44. In a certain code language,
NEST is written as 8426,
WISE is written as 6912 and
RAIN is written as 7859.
The letters do not correspond to digits. Which of the following can be the code for the word WANT?
(a) 6759 (b) 2194 (c) 7894 (d) 8147

45. Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.
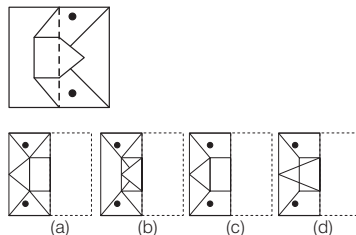

46. Select the figure from the options that, when placed in the blank space of the given figure will complete the pattern.
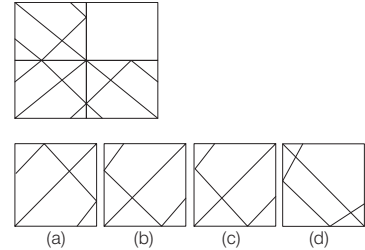
47. Five people make statements about their heights. Only one of them is lying. Study the statements carefully and identify the second tallest person in the group.
  1. **Aditya** I am taller than Nachiket, but shorter than Sanika.
  2. **Rushikesh** I am taller than Aditya, but shorter than Sanika.
  3. **Nachiket** I am of the same height and that of Rushikesh and taller than Nikita.
  4. **Sanika** I am the tallest.
  5. **Nikita** Rushikesh is shorter than Aditya.
(a) Nachiket   (b) Nikita
(c) Rushikesh   (d) Aditya

48. In the following figure, the triangle represents 'carpenters', the circle represents 'black-smiths' and the rectangle represents 'fishermen'. How many people are fishermen?
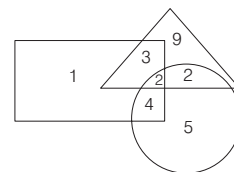
(a) 13   (b) 1   (c) 9   (d) 10

49. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.
(a) gtri (b) kpnm (c) dwfv (d) cxve
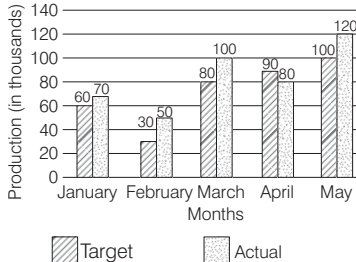
50. Select the option that is related to the third term in the same way as the second term is related to the first term.
Conductor : Aluminium :: insulator : ?
(a) Silver   (b) Mica
(c) Silicon   (d) Graphite

Numerical Ability

51. Study the given graph and answer the question that follows.
Target and Actual production of AC's (in thousands) of a factory over five months.

The ratio of the actual production of AC's in February and April to that of the target production of AC's in January and April is
(a) 15 : 13   (b) 13 : 15
(c) 7 : 9   (d) 9 : 7

52. Twenty persons take 15 days to complete a certain work, working 8 h a day. To complete the same work in 4 days, working 10 h a day, the number of persons required is
(a) 75   (b) 60
(c) 80   (d) 55

53. After allowing a discount of 10% on the marked price of an article, it is sold for ₹ 450. Had the discount not been given, the profit would have been 25%. What is the 50% of the cost price (in ₹) of the article?
(a) 150   (b) 200
(c) 175   (d) 250

54. The ratio of the incomes of A and B is 1 : 2 and that of their expenditure is 2 : 3. If 80% of B's expenditure is equal to the income of A, then what is the ratio of the savings of B to the savings of A?
(a) 2 : 9   (b) 9 : 2
(c) 7 : 3   (d) 3 : 7

55. A farmer borrowed ₹ 132000 from a money lender to do cultivation in his field. The rate of interest is 12.5% per annum compounded annually. At the end of two years, he cleared his loan by paying ₹ 107062.50 and his scooter. The cost (in ₹) of the scooter is
(a) 75000   (b) 45000
(c) 60000   (d) 50000

56. The value of $\left(4\frac{1}{5} - 3\frac{1}{10} \text{ of } 1\frac{1}{7}\right)$
$$\div \left(6\frac{1}{3} - 3\frac{1}{5} \text{ of } 1\frac{1}{2}\right) \text{ is}$$
(a) $\frac{3}{5}$ (b) $\frac{5}{9}$ (c) $\frac{5}{7}$ (d) $\frac{3}{7}$

57. In a week, the prices of a bag of tea were ₹ 350, ₹ 280, ₹ 340, ₹ 270, ₹ 360, ₹ 310 and ₹ 300. The range (in ₹) is
(a) 100   (b) 80   (c) 70   (d) 90

58. The cost price of an article is $\frac{7}{6}$ times the selling price. What is the loss/gain percentage (correct up to two decimal places)?
(a) Loss 14.29%   (b) Gain 16.67%
(c) Loss 16.67%   (d) Gain 19.54%

59. The area of a trapezium whose parallel sides are 25 cm and 19 cm long is 330 cm^2. The distance between the sides (in cm) is
(a) 10   (b) 12   (c) 30   (d) 15

60. 6 copies of a book can be bought for a certain sum payable at the end of a year, and 7 copies of the same book can be bought for the same sum in cash money. What is the rate per annum of simple interest (correct to one decimal place)?
(a) 10.9%   (b) 15.5%
(c) 16.7%   (d) 30.4%

61. A alone can do a piece of work in 10 days and B alone in 15 days. A and B undertook to do it for ₹ 42000, with the help of C, they completed the work in 5 days. How much (in ₹) is to be paid to B?
(a) 14000   (b) 15000
(c) 21000   (d) 7000

62. An aeroplane covers a certain distance at a speed of 280 km/h in $4\frac{3}{4}$ h. To cover the same distance in 7 h, it must travel at a speed (in km/h) of
(a) 140   (b) 190
(c) 175   (d) 180

Directions (Q. Nos. 63-64) *Study the given graph and answer the questions that follow.*

Target and actual production of AC's (in thousands) of a factoru over five month.
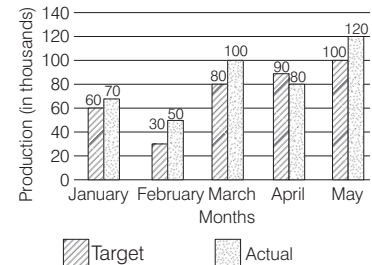
63. The actual production of AC's in May is what percentage more than the average target production of AC's over the period of 5 months (correct to the nearest integer)?
(a) 67   (b) 50   (c) 69   (d) 51

64. In which month is the actual production of AC's is 66% more than the target production?
(a) April   (b) February
(c) March   (d) May

65. If the radius of the base of a right circular cylinder is 4 m and the area of the curved surface of the cylinder is 19.5 m^2, then its volume (in m^3) is
(a) 65   (b) 42   (c) 36   (d) 39

66. Simplify
$$\frac{\left[\frac{3}{5} \text{ of } \left(15\frac{2}{3} - 33\frac{1}{3}\right) + \frac{1}{3}\left(18\frac{3}{4} \text{ of } 7\frac{1}{5} \div 15 \times 2\right)\right] \times 5}{3^2 \times 5 + 1}$$
(a) $-\frac{23}{54}$ (b) $-\frac{1}{2}$
(c) 83   (d) $-\frac{23}{5}$

67. There are 100 students in a class, out of which 70% are girls and others are boys. The average score of girls in a test is 20% more than that of boys. If the average score of all the students is 57, then what is the average score of girls?
(a) 60   (b) 50   (c) 45   (d) 75

68. Two trains of the same length are running on parallel tracks in the same direction at 44 km/h and 32 km/h. The faster train passed the other train in 72 s. What is the sum of the lengths (in m) of both trains?
(a) 240   (b) 200   (c) 190   (d) 250

69. Two circles of radii 14 cm and 10 cm intersect each other and the length of their common chord is 16 cm. What is the distance (in cm) between their centres?
(a) $6 + 4\sqrt{33}$ (b) $6 + 2\sqrt{33}$
(c) $6 + 5\sqrt{33}$ (d) $6 + 3\sqrt{33}$

70. The average monthly expenditure of a family was ₹ 10000 during the first three months, ₹ 12500 during the next four months and ₹ 13500 during the last five months of a year. If the total savings during the year was ₹ 32,500, then 70% of the average monthly income of the family (in ₹) was
(a) 11250   (b) 12250
(c) 15000   (d) 10500

71. In an examination, the ratio of the number of candidates who passed, to those who failed was 5 : 2. If the number of failed candidates had been 14 more, then the ratio of the number of passed candidates to those who failed would have been 4 : 3. How many candidates passed the examination?
(a) 126   (b) 70
(c) 100   (d) 98

72. Which is largest number that will divide 1992 and 233 leaving remainders 12 and 13, respectively?
(a) 242   (b) 220   (c) 246   (d) 186

73. If $x : y : z = 1 : 2 : 3$, then what is the value of $\left(\dfrac{3x^2 - 2y^2 + 4z^2}{x^2 + 2y^2 + z^2}\right)$?

(a) $\dfrac{31}{21}$ (b) $\dfrac{31}{16}$
(c) $\dfrac{31}{18}$ (d) $\dfrac{31}{19}$

74. A sells an article to B at 12% profit. B sells it to C at 9% loss. If C pays ₹ 15288 for it, then at what price (in ₹) is the article sold by A?
(a) 15000   (b) 16800
(c) 16000   (d) 14250

75. When the price of sugar gets raised by 50%, a person increases his expenditure on sugar only by 25%. By what percentage (correct up to two decimal places) should he reduce his consumption of sugar?
(a) 12.75%   (b) 15.75%
(c) 16.67%   (d) 11.54%

✏️ General Awareness

76. Lothal, a prominent city of the ancient Indus Valley Civilisation, is situated in which of the following states?
(a) Gujarat
(b) Himachal Pradesh
(c) Rajasthan
(d) Punjab

77. Which economist took the subject of economics away from approaches that focus exclusively on income, growth and utility, with an increased emphasis on individual entitlements, capabilities, freedoms and rights?
(a) Robert Lucas   (b) Amartya Sen
(c) Milton Friedman   (d) Adam Smith

78. Jagdish Sheth, one of the recipients of Padma Bhushan 2020, has received the award in the domain of
(a) Trade and Industry
(b) Art
(c) Literature and Education
(d) Public Affairs

79. Which of the following Acts ended the monopoly of the East India Company over trade with India?
(a) Regulating Act of 1793
(b) Charter Act of 1813
(c) Charter Act of 1833
(d) Regulating Act of 1773

80. Which pair of cities does the Yamuna Expressway connect?
(a) Agra—Panipat
(b) Greater Noida—Agra

(c) Delhi—Jaipur
(d) Lucknow—Allahabad

81. Who among the following was nominated to the Rajya Sabha by President Ram Nath Kovind in March 2020?
(a) TS Thakur
(b) Jagdish Singh Khehar
(c) Dipak Misra
(d) Ranjan Gogoi

82. 'Mission Antyodaya' is a mission mode project envisaged by the ....
(a) Ministry of Urban Development
(b) Ministry of Rural Development
(c) Ministry of Health Development
(d) Ministry of Transport Development

83. Which of the following mountain ranges is home to the second highest peak of the world, K2?
(a) Karakoram Range
(b) Ladakh Range
(c) Pir Panjal Range
(d) Zanskar Range

84. Who among the following wrote the 'Brahmo Covenant', which was a statement of the creed of the Brahmo Samaj and made a list of the duties and obligations of its members?
(a) Keshab Chandra Sen
(b) Ishwar Chandra Vidyasagar
(c) Debendranath Tagore
(d) Rammohan Roy

85. Which Constitutional Amendment gave constitutional status to the Panchayati Raj Institutions?
(a) 86th Amendment Act, 2002
(b) 71st Amendment Act, 1992
(c) 73rd Amendment Act, 1992
(d) 92nd Amendment Act, 2003

86. Which of the following nations retained its ICC T20 Women's World Cup Crown in March 2020?
(a) England   (b) New Zealand
(c) India   (d) Australia

87. Which of the following dance forms is popular in Himachal Pradesh?
(a) Laho   (b) Nathi   (c) Ronf   (d) Thora

88. The Sunderban Delta is created by the ...... rivers.
(a) Sindhu-Brahmaputra
(b) Ganga-Sindhu
(c) Godavari-Krishna
(d) Ganga-Brahmaputra

89. In which year was the Home Rule Movement started?
(a) 1914   (b) 1915   (c)1917   (d) 1916

90. 'Myopia' is also known as ....
(a) near-sightedness
(b) astigmatism
(c) presbyopia
(d) far-sightedness

91. Who among the following won the Hockey India Dhruv Batra Award for Player of the Year (Men) at the Third Annual Hockey India Awards in March 2020?

(a) PR Sreejesh
(b) Rupinder Pal Singh
(c) Harmanpreet Singh
d) Manpreet Singh

92. Who among the following is the author of the book 'The Anarchy : The Relentless Rise of the East India Company'?
(a) Shoshanan Zuboff
(b) Sumit Sarkar
(c) Shashi Tharoor
(d) William Dalrymple

93. Which of the following statements best explains the process of sublimation?
(a) The process of water movement through a plant and its evaporation from aerial parts.
(b) The process by which water vapour in the air is changed into liquid water.
(c) The process by which water changes from a liquid to a gas or vapour.
(d) The transition of a substance directly from the solid to the gas phase without passing through the intermediate liquid phase.

94. In June 2020, the President of India promulgated the Banking Regulation (Amendment) Ordinance, 2020. Which of the following is the main feature of this ordinance?
(a) It brings urban and multi-state cooperative banks under the supervision of the Reserve Bank of India.
(b) It gives greater regulating powers to the Reserve Bank of India by the way of appointing more Directors to the Board of scheduled banks.
(c) It relaxes Tier-1 capital related norms for banks.
(d) It allows foreign lending institutions to set up their branches in India.

95. In which state is the Madai Festival celebrated?
(a) Odisha
(b) Jharkhand
(c) Jammu and Kashmir
(d) Chhattisgarh

96. Which of the following causative agents causes the disease Ebola?
(a) Bacteria   (b) Fungus
(c) Virus   (d) Protozoan

97. As per the Constitution of India, every person who is arrested and detained in custody shall be produced before the nearest magistrate within a period of .... hours of such arrest excluding the time necessary for the Journey from the place of arrest to the court of the magistrate .
(a) six   (b) thirty-six
(c) twenty-four   (d) twelve

98. What is the maximum amount of bank loan permissible under the Kishor scheme of the Pradhan Mantri Mudra Yojana?
(a) ₹ 20 lakh   (b) ₹ 10 lakh
(c) ₹ 15 lakh   (d) ₹ 5 lakh

99. The force of the Earth's gravity on every kilogram is about
(a) 20 N   (b) 10 N   (c) 5 N   (d) 15 N

100. In the upper reaches of the atmosphere, a molecule containing three atoms of oxygen is found. This forms a layer called
(a) mesosphere
(b) exosphere
(c) thermosphere
(d) ozone

Answer Sheet

1	(b)	2	(a)	3	(a)	4	(c)	5	(c)	6	(b)	7	(c)	8	(b)	9	(d)	10	(c)
11	(b)	12	(b)	13	(d)	14	(d)	15	(c)	16	(c)	17	(d)	18	(c)	19	(b)	20	(c)
21	(c)	22	(c)	23	(d)	24	(a)	25	(c)	26	(d)	27	(b)	28	(b)	29	(a)	30	(b)
31	(c)	32	(d)	33	(b)	34	(b)	35	(a)	36	(d)	37	(b)	38	(d)	39	(c)	40	(b)
41	(c)	42	(d)	43	(b)	44	(d)	45	(b)	46	(b)	47	(d)	48	(d)	49	(c)	50	(b)
51	(b)	52	(b)	53	(b)	54	(b)	55	(c)	56	(d)	57	(d)	58	(a)	59	(d)	60	(c)
61	(a)	62	(b)	63	(a)	64	(b)	65	(d)	66	(b)	67	(a)	68	(a)	69	(b)	70	(d)
71	(b)	72	(b)	73	(c)	74	(b)	75	(c)	76	(a)	77	(b)	78	(c)	79	(b)	80	(b)
81	(d)	82	(b)	83	(a)	84	(c)	85	(c)	86	(d)	87	(b)	88	(d)	89	(d)	90	(a)
91	(d)	92	(d)	93	(d)	94	(a)	95	(d)	96	(c)	97	(c)	98	(d)	99	(b)	100	(d)

1. *(b)* 'Lunatic' is the one who is mentally not sound.

2. *(a)* 'Ignorant' means who does not have knowledge. Hence, 'learned' is the correct antonym of it.

3. *(a)* Part (a) has an error. Replace it with 'very strong currents' to improve the sentence.

4. *(c)* 'Ambidextrous' is the one who can use both hands equally well.

5. *(c)* Part (c) has an error. Replace it with 'was enjoying' to make the sentence grammatically correct.

6. *(b)* 'Angry' means furious and 'enraged' also means the same. Hence, option (b) is the correct answer.

7. *(c)* 'Wane' means to decline. Hence, option (c) 'decline' is the correct synonym.

8. *(b)* 'Partner' means with whom you work. 'Opponent' means whom you compete with. Hence, option (b) 'opponent' is the correct antonym of the given word 'partner'.

9. *(d)* 'Maintainance' is the incorrectly spelt word. The correct spelling is 'maintenance'.

10. *(c)* The given idiom 'a bolt from the blue' means unexpected and surprising event.

11. *(b)* Replace the underlined part with 'sometimes it prefers to' to improve the sentence.

12. *(b)* Part (b) has an error. Replace it with 'was made' to make the sentence, error free.

13. *(d)* 'Without' is the correct answer, as it is the famous saying no smoke without fire.

14. *(d)* 'Allmighty' is an incorrectly spelt word. The correct spelling is 'Almighty'.

15. *(c)* 'Ambitious' is the suitable word for the given blank.

16. *(c)* No substitution required in given sentence.

17. *(d)* 'Precautions' is the correct answer.

18. *(c)* Replace the underlined part with 'aren't they' to improve the sentence.

19. *(b)* The given idiom 'herculean task' means very tough task.

20. *(c)* 'Quite' is the suitable adverb for the given blank.

21. *(c)* 'At' is the correct answer.

22. *(c)* 'Was featured' is the correct answer.

23. *(d)* 'Richest' is the correct answer.

24. *(a)* 'The' is the correct answer.

25. *(c)* 'Benevolent' is the correct answer.

26. *(d)* All the shapes or symbols at the corners of regular pentagon move clockwise and only left-lower shape/symbol disappears, when moves from its place and a new shape/symbol comes at next corner.
∴ Next figure will be option figure (d).

27. *(b)* Given expression $6 \times 35 \div 5 + 8 - 9$

On interchanging + and ×, and the digits 3 and 8
$$= 6 + 85 \div 5 \times 3 - 9 = 6 + 17 \times 3 - 9$$
$$= 6 + 51 - 9 = 57 - 9 = 48$$

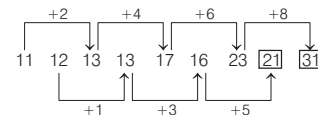**28.** *(b)* Given expression $8 \div 16 \times 4 + 2 - 3$

On changing the signs according to the question,
$$\Rightarrow \qquad 8 + 16 \div 4 - 2 \times 3$$
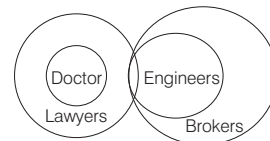Since, BODMAS rule does not apply according to the question, so solve left to right of the expression.
∴ $8 + 16 \div 4 - 2 \times 3 = 24 \div 4 - 2 \times 3 = 6 - 2 \times 3 = 4 \times 3 = 12$
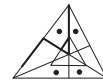
29. *(a)* Pattern of the series is as follows,

30. *(b)* From statements,

Conclusions 1. (✗) 2. (✓) 3. (✗) 4. (✓)
∴ Only Conclusions 2 and 4 follow.

31. *(c)* Pattern of the given series,
a c b d d / b c a / a c b d d / b c a ⟹ abbac

32. *(d)* Option figure (d) is embedded in the given question figure.

33. *(b)* According to the given information, 6 papers are scheduled from Monday to Saturday as follows,

| Day	Paper
Monday	Physics
Tuesday	Geography
Wednesday	Chemistry
Thursday	History
Friday	Maths
Saturday	Economics

∴ Economics is scheduled on Saturday.

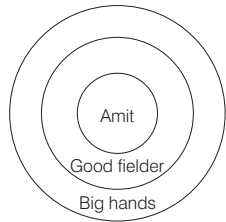**34.** *(b)* According to the given information, five papers scheduled on five days are as follows,

Day	Paper
Monday	Economics
Tuesday	Maths
Wednesday	Chemistry
Thursday	Geography
Friday	Physics

∴ Geography was scheduled on Thursday.

35. *(a)* Pattern of the given series is as follows,
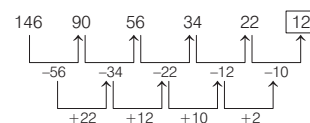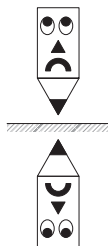
36. *(d)* From statements,

Conclusions I. (✗) II. (✓)
∴ Only Conclusion 2 follows.

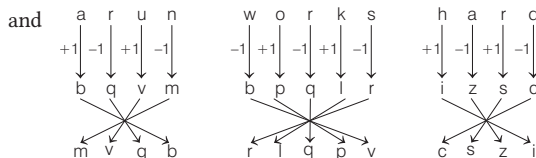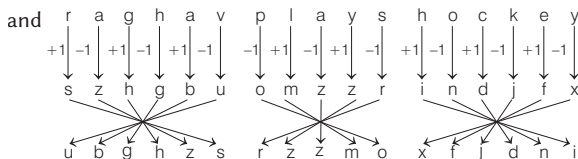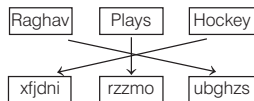**37.** *(b)* Option figure (b) will be the correct mirror image of the given figure.

38. *(d)* As, in (64, 8, 65) ⇒ 64 − 8 = 56
⇒ interchange digits = 65
In (125, 27, 89) ⇒ 125 − 27 = 98 ⇒ 89
∴ Similarly, in (83, 24, 95) ⇒ 83 − 24 = 59 ⇒ 95

39. *(c)* Given code,

∴ In the similar pattern, code for "arun works hard" will be "cszi rlqpv mvqb".

40. *(b)* As, in 46 : 61
⇒ reverse the digits of numbers, we get
⇒ $64 : 16 = (4)^3 : (4)^2$
In the similar way, in 521 : 52
⇒ reverse the digits of numbers
⇒ $125 : 25 = (5)^3 : (5)^2$
∴ "521 : 52"' is analogous to "46 : 61"

41. *(c)* Bismillah Khan, JRD Tata, M Visvesvaraya, Sachin Tendulkar and Pranab Mukherjee are Bharat Ratna Awardee.
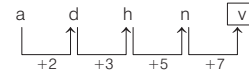
42. *(d)* Pattern of the given series, letters between two given letters are in prime numbers.
letters between a and d = 2
letters between d and h = 3
letters between h and n = 5
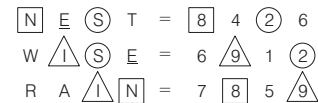letters between n and v = 7

43. *(b)* Only vowel's place or sum of total vowels place is the code of the words.
∴ Storm = 15 (o's place), Apple = 1 + 5 = 6,
Virtue = 9 + 21 + 5 = 35
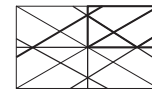and therefore, cupboard = 21 + 15 + 1 = 37

44. *(d)* Given,

∴ Code for T = 4, for W = 1, for N = 8
and since letters do not correspond to digit, therefore code for A = 7
∴ W A N T ⇒ 8 1 4 7

45. *(b)* Given, transparent sheet of paper would appear like option figure, (b), when it is folded at the dotted line.

46. *(b)* Option figure (b) will complete the pattern, when placed in the blank space of the given figure.

47. *(d)* **Aditya's statement**

Sanika
Aditya ↑ increasing height
Nachiket

Rushikesh's statement

Sanika
Rushikesh ↑ increasing height
Aditya

Nachiket's statement

Nachiket = Rushikesh ↑ increasing height
Nikita

Sanika's statement I am the tallest

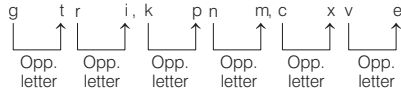**Nikita's statement**

Aditya ↑ increasing height
Rushikesh

Since one of them is lying, so according to this information given above. He is Rushikesh. After neglecting Rushikesh's statement, correct order will be,

Sanika > Aditya > Nachiket = Rushikesh > Nikita
∴ Aditya is second tallest person in the group.

48. *(d)* According to the given venn-diagram,

Number of fishermen = 1 + 2 + 3 + 4 = 10

49. *(c)* Pattern of the given letter-clusters is as follows,

g t r i, k p n m, c x v e

↑ ↑ ↑ ↑ ↑ ↑

Opp. letter Opp. letter Opp. letter Opp. letter Opp. letter Opp. letter

But in dwfv, f and v are not opposite letters in English Alphabets.

∴ dwfv is different from others.

50. *(b)* As, Aluminium is a good conductor, similarly, mica is a good insulator.

51. *(b)* According to the given bar graph,

Required ratio $= \dfrac{(50 + 80)}{(60 + 90)} = \dfrac{130}{150}$

$= 13 : 15$

52. *(b)* Let the number of persons required be x.

∴ According to the question,

$x \times 10 \times 4 = 20 \times 8 \times 15$

$x = \dfrac{20 \times 8 \times 15}{10 \times 4} = 60$

53. *(b)* Let the cost price of the article be ₹ x.

∴ According to the question,

Marked price $= \dfrac{450}{90} \times 100 = ₹\ 500$

∵ Discount is not given,

∴ 50% of cost price $= \dfrac{50}{100} \times \dfrac{500}{125} \times 100$

$= ₹\ 200$

54. *(b)* Let the incomes of A and B be ₹ x and ₹ $2x$ respectively and let the expenditures of A and B be ₹ $2y$ and ₹ $3y$ respectively.

According to the question, $x = 80\%$ of $3y$

$= 0.8 \times 3y = 2.4y$

∴ Ratio of saving B to $A = \dfrac{2x - 3y}{x - 2y}$

$= \dfrac{2 \times 2.4y - 3y}{2.4y - 2y}$

$= \dfrac{1.8y}{0.4y}$

$= \dfrac{18}{4} = 9 : 2$

55. *(c)* Let the cost of the scooter be ₹ x.

According to the question,

$\Rightarrow\ 107062.50 + x = 132000 \times \left(1 + \dfrac{12.5}{100}\right)^2$

$\Rightarrow\ 107062.50 + x = 132000 \times 1.265625$

$\Rightarrow\ 107062.50 + x = 167062.5$

$\Rightarrow\qquad\qquad x = 167062.5 - 107062.5$

$\therefore\qquad\qquad x = 60000$

56. *(d)* $\left(4\dfrac{1}{5} - 3\dfrac{1}{10}\ \text{of}\ 1\dfrac{1}{7}\right) \div \left(6\dfrac{1}{3} - 3\dfrac{1}{5}\ \text{of}\ 1\dfrac{1}{2}\right)$

Solving using BODMAS,

$= \left(\dfrac{21}{5} - \dfrac{31}{10}\ \text{of}\dfrac{8}{7}\right) \div \left(\dfrac{19}{3} - \dfrac{16}{5}\ \text{of}\dfrac{3}{2}\right)$

$= \left(\dfrac{21}{5} - \dfrac{124}{35}\right) \div \left(\dfrac{19}{3} - \dfrac{24}{5}\right)$

$= \left(\dfrac{147 - 124}{35}\right) \div \left(\dfrac{95 - 72}{15}\right)$

$= \dfrac{23}{35} \times \dfrac{15}{23} = \dfrac{3}{7}$

57. *(d)* According to the question,

Range of the given data $= 360 - 270 = ₹\ 90$

58. *(a)* Given, CP $= \dfrac{7}{6} \times$ SP

Since CP > SP, therefore there will be loss.

∴ Loss percentage

$= \dfrac{\left(\dfrac{7}{6} - 1\right)}{\left(\dfrac{7}{6}\right)} \times 100 = \dfrac{100}{7} = 14.29\%$

59. *(d)* Since, area of trapezium $= \dfrac{1}{2} \times$ sum of parallel sides $\times h$

∴ According to the question,

$330 = \dfrac{1}{2} \times (25 + 19) \times h$

$h = \dfrac{330 \times 2}{44} = 15\ \text{cm}$

60. *(c)* Let the cost price of each of 6 books be ₹ 1.

Total money for 6 books $= 6 \times 1 = ₹\ 6$

∴ According to the question,

∴ Required rate of interest $= \dfrac{(7 - 6)}{6} \times 100$

$= \dfrac{100}{6} = 16.7\%$

61. *(a)* Let C completes the work in x days.

∴ According to the question,

$\dfrac{1}{10} + \dfrac{1}{15} + \dfrac{1}{x} = \dfrac{1}{5}$

$\Rightarrow\quad \dfrac{1}{x} = \dfrac{1}{5} - \dfrac{1}{6} = \dfrac{6 - 5}{30} = \dfrac{1}{30}$

∴ Ratio of efficiencies of A, B and C

$= \dfrac{1}{10} : \dfrac{1}{15} : \dfrac{1}{30} = 3 : 2 : 1$

Since, total wages $= ₹\ 42000$

∴ Share of $B = \dfrac{42000}{(3 + 2 + 1)} \times 2 = ₹\ 14000$

62. *(b)* Distance covered by aeroplane

$= 280 \times \dfrac{19}{4} = 1330\ \text{km}$

∴ To cover the same distance in 7 h

Speed $= \dfrac{1330}{7} = 190\ \text{km/h}$

63. *(a)* According to the given bar-graph,

Average target production of AC's in 5 months

$= \dfrac{60 + 30 + 80 + 90 + 100}{5}$

$$= \frac{360}{5} = 72$$

∴ Required percentage increase

$$= \frac{(120 - 72) \times 100}{72} = 66.66\% \approx 67\%$$

64. *(b)* Percentage increase of actual production than the target production,

In April, it is decreasing.

In February $= \frac{(50 - 30)}{30} \times 100 = 66.67 \%$

In March $= \frac{(100 - 80)}{80} \times 100 = 25\%$

In May $= \frac{(120 - 100)}{100} \times 100 = 20\%$

∴ Only in February, it is increasing more than 66%.

65. *(d)* Radius of cylinder, $r = 4$ cm.

Let height of cylinder be h m.

∴ Curved surface area of cylinder $= 2\pi rh$

$\Rightarrow$ $19.5 = 2 \times \frac{22}{7} \times 4 \times h$

$\Rightarrow$ $h = \frac{19.5 \times 7}{2 \times 22 \times 4}$

Volume of cylinder $= \pi r^2 h$.

$$= \frac{22}{7} \times 16 \times \frac{19.5 \times 7}{2 \times 22 \times 4} = 2 \times 19.5 = 39 \text{ m}^3$$

66. *(b)* Given,

$$\frac{\left[\frac{3}{5} \text{ of }\left(15\frac{2}{3} - 33\frac{1}{3}\right) + \frac{1}{3}\left(18\frac{3}{4} \text{ of } 7\frac{1}{5} \div 15 \times 2\right)\right] \times 5}{(3)^2 \times 5 + 1}$$

$$\frac{\left[\frac{3}{5} \text{ of }\left(\frac{47}{3} - \frac{100}{3}\right) + \frac{1}{3}\left(\frac{75}{4} \text{ of }\frac{36}{5} \div 15 \times 2\right)\right] \times 5}{9 \times 5 + 1}$$

$$= \frac{\left[\frac{3}{5} \text{ of }\frac{-53}{3} + \frac{1}{3} \times 18\right] \times 5}{46}$$

$$= \frac{\left[\frac{-53}{5} + 6\right] \times 5}{46}$$

$$= \frac{-23 \times 5}{46 \times 5} = \frac{-1}{2}$$

67. *(a)* Let the average score of boys be x.

∴ According to the question,

$$\frac{70 \times 1.2x + 30 \times x}{100} = 57$$

$$114x = 5700$$
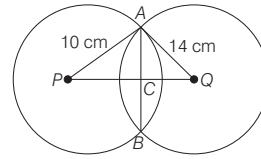
$$x = \frac{5700}{114} = 50$$

∴ Average score of girls $= 1.2x = 1.2 \times 50$

$$= 60$$

68. *(a)* Sum of the lengths of both trains = Relative speed × Time.

$$= (44 - 32) \times \frac{5}{18} \times 72 = 240 \text{ m}$$

69. *(b)* Given,

Since, $AB = 16$ cm (given)

∴ $AC = \frac{16}{2} = 8$ cm

∴ Distance between their centres

$$= (\sqrt{(14)^2 - (8)^2}) + (\sqrt{(10)^2 - (8)^2})$$

$$= \sqrt{132} + \sqrt{36} = 2\sqrt{33} + 6$$

$$= (6 + 2\sqrt{33}) \text{ cm}$$

70. *(d)* Given, saving during year = ₹ 32500

and According to the question, total expenditure of the year

$$= (10000 \times 3) + (12500 \times 4) + (13500 \times 5)$$

$$= ₹ 147500$$

∴ Total income of the year

$$= 147500 + 32500 = ₹ 180000$$

∴ 70 % of average monthly income

$$= \frac{70}{100} \times \frac{180000}{12} = ₹ 10500$$

71. *(b)* Let the number of candidates, who passed be $5x$ and who failed be $2x$.

∴ According to the question,

$$\frac{5x - 14}{2x + 14} = \frac{4}{3}$$

$\Rightarrow$ $15x - 42 = 8x + 56$

$\Rightarrow$ $15x = 8x + 98$

$\Rightarrow$ $15x - 8x = 98$

$\Rightarrow$ $7x = 98$

$\Rightarrow$ $x = \frac{98}{7} = 14$

∴ Number of passed candidates $= 5x = 5 \times 14 = 70$

72. *(b)* The largest number which divides the numbers x and y leaving remainder a and b respectively, is given by

HCF of $(x - a), (y - b)$

∴ According to the question,

HCF of $(1992 - 12), (233 - 13)$

HCF of 1980 and 220

Since $1980 = 9 \times 220$

∴ HCF of 1980 and 220 will be 220.

73. *(c)* Given, $x : y : z = 1 : 2 : 3$

$$\therefore \left(\frac{3x^2 - 2y^2 + 4z^2}{x^2 + 2y^2 + z^2}\right) = \left(\frac{3 \times 1^2 - 2 \times 2^2 + 4 \times 3^2}{1^2 + 2 \times 2^2 + 3^2}\right)$$

$$= \left(\frac{3 \times 1 - 2 \times 4 + 4 \times 9}{1 + 2 \times 4 + 9}\right)$$

$$= \frac{3 - 8 + 36}{1 + 8 + 9}$$

$$= \frac{39 - 8}{18} = \frac{31}{18}$$

74. *(b)* Let the cost price of the article to A be ₹ x.

∴ Cost price of the article to $B = 1.12\,x$

and cost price of the article to $C = \dfrac{1.12x}{100} \times 90$

According to the question,

$\dfrac{1.12x}{100} \times 90 = 15288$

$1.12x = ₹\ 16986.67 \approx ₹\ 16800$

∴ Required price $= ₹\ 16800$ (approx.)

75. *(c)* Required percentage

$$= \frac{(150 - 125)}{150} \times 100 = 16.67\%$$

76. *(a)* Lothal was one of the Southernmost cities of the ancient Indus Valley Civilisation, located in the Bhal region of the modern state of Gujarat. Construction of the city began around 2200 BCE.

77. *(b)* Amartya Sen's capability theory approach is a theoretical framework that involves two core normative claims. The capability approach claims that freedom to achieve well-being is a matter of what people can do and be. And therefore, the kind of life they can effectively lead.

78. *(c)* Jagdish Sheth is a faculty member at Emory University, Georgia and came from the University of Madras. He has been awarded the Padma Bhushan for his work in the field of literature and education on 26th January, 2020.

79. *(b)* The Charter Act of 1813 ended the monopoly of the East India Company in India. However, the company's monopoly in trade with China and trade in tea with India was kept intact. Thus, trade with India for all commodities except Tea was thrown open to all British subjects.

80. *(b)* Yamuna Expressway Project between Greater Noida and Agra, the longest Access Controlled six lane (extendable to eight lanes) concrete pavement expressway was conceived by Government of Uttar Pradesh in the year 2001. To accomplish this project, Taj Expressway Authority (TEA), a statutory body of the Government.

81. *(d)* President Ram Nath Kovind has nominated and formed Chief Justice of India Ranjan Gogoi to the Rajya Sabha.

A notification to this effect was issued by the centre on 16th March, 2020.

82. *(b)* Mission Antyodaya is a mission mode project envisaged by the Ministry of Rural Development. It is a convergence framework for measurable effective outcomes on parameters that transform lives and livelihoods.

83. *(a)* East Karakoram Range K2 is also known as Mount Godwin Austen and locally it is known as Dapsang or Chogori is the World's second-highest peak. K2 is located in the Karakoram Range. It was given the symbol K2 because it was the second peak measured in the Karakoram Range.

84. *(c)* Debendranath Tagore (15th May, 1817 – 19th January, 1905) was a Hindu Philosopher and religious reformer, active in the Brahmo Samaj (earlier called Bhramho Sabha) ('Society of Brahma', also translated as Society of God). He was the founder in 1848 of the Brahmo religion, which today is synonymous with Brahmoism.

85. *(c)* In 1992, the 73rd Constitution Amendment Act was passed, and it took effect on 24th April, 1993. The Act gave State Governments the authority to take the procedures necessary to formalise Gram Panchayats and enable them to function as self-governing bodies. This act added a new Part-IX to the Indian Constitution.

86. *(d)* The final took place at the Melbourne Cricket Ground on International Women's Day. Hosts Australia won the tournament, beating India by 85 runs, to win their fifth title.

87. *(b)* Nathi is the most famous dance of Himachal Pradesh. It is listed in the Guinness world record book as the largest folk dance. This folk dance is also said to consist of different forms that includes Mahasuvi Nathi, Sirmauri Nathi, Lahauli Nathi, and Kinnauri Nathi.

88. *(d)* The Gangas-Brahmaputra Delta, also named Gangas Delta, Sunderban Delta or Bengal Delta is situated in Asia where the Gangas and Brahmaputra Rivers discharge into the Bay of Bengal.

89. *(d)* Annie Besant launched the Home Rule League in September, 1916 at Madras. They had the common objective of achieving self-government in India. There was an informal understanding between both the leagues wherein Tilak's league worked in Maharashtra (except Bombay), Karnataka, Berar and the Central Provinces.

90. *(a)* Myopia, also known as near-sightedness, is a very common vision disorder that is usually diagnosed before age 20. Myopia affects your distance vision. You can see objects that are near well, but have trouble viewing objects that are far, such as grocery store aisle markers or road signs.

91. *(d)* Hockey captains Manpreet Singh and Rani Rampal were on Tuesday nominated for Dhruv Batra Player of the Year award in male and female category respectively by Hockey India for its third Annual Awards scheduled on 8th March.

92. *(d)* The 'Anarchy : the Relentless Rise of the East India Company' is a 2019 history book by William Dalrymple. It recounts the rise of the East India Company in the second half of the 18th century, against the backdrop of a crumbling Mughal Empire and the rise of regional powers.

93. *(d)* Sublimation is the transition of a substance directly from the solid to the gas phase, without passing through the liquid phase. The reverse process of sublimation is deposition or desublimation, in which a substance passes directly from a gas to a solid phase.

94. *(a)* The Banking Regulation (Amendment) Ordinance, 2020. It brings urban and multi-state cooperative banks under the supervision of the Reserve Bank of India. The Act restricts cooperative banks from making loans or advances on the security of its own shares. Further, it prohibits the grant of unsecured loans or advances to its directors, and to private companies where the bank's Directors or Chairman is an interested party.

95. *(d)* The Charama and Kurna communities of Kanker district, tribes of Bastar and people of Bhanupratappur, Narayanpur, Kondagaon, Pakhanjore and Antagrah celebrate the Madai Festival in the state of Chhattisgarh. The local tribes of the state along with other communities worship the presiding deity during the festival.

96. *(c)* Virus is the causative agents causes the disease of Ebola. Ebola virus was first discovered in 1976 near the Ebola River. It is a member of the filovirus family, which occurs in humans and other primates. Ebola is spread by direct contact with blood or other body fluids (such as vomit, diarrhea, urine, breast milk, sweat and semen) of an infected person who has symptoms of Ebola.

97. *(c)* Under Article 22 (2) Every person who is arrested and detained in custody shall be produced before the nearest magistrate within a period of twenty-four hours of such arrest excluding the time necessary for the journey from the place of arrest to the court of the magistrate and no such person shall be detained in custody beyond the said period without the authority of a magistrate.

98. *(d)* The MUDRA loans are extended under following three categories. Loans upto ₹ 50,000/- (Shishu), Loans from ₹ 50,001 to ₹ 5 lakh (Kishore), Loans from ₹ 5,00,001/- to ₹ 10 lakh (Tarun), more focus would be given to Shishu.

99. *(b)* Weight is the force exerted by gravity and is measured in Newtons (N). On Earth, an object with a mass of 1kg will experience a force of 10 N due to gravity, i.e. the weight of a 1kg mass is 10 N.

100. *(d)* The ozone layer is a thin part of the Earth's atmosphere that absorbs almost all of the sun's harmful ultraviolet light. Ozone contains three atoms of oxygen.

Solved Paper

02 November, 2021
I Shift

Instructions

✓ This paper contains 100 questions.
✓ This paper has 4 parts, Part I General English, Part II General Intelligence & Reasoning, Part III Numerical Ability, Part IV General Awareness
✓ Each question carries 1 mark.

General English

1. Select the most appropriate synonym of the given word.
Fascinate
(a) Reject
(b) Captivate
(c) Repel
(d) Love

2. Select the incorrectly spelt word.
(a) Pastor　(b) Paste
(c) Prevelent　(d) Prudent

3. Select the most appropriate word to fill in the blank.
In the absence .... any evidence, the police let the suspect go scot free.
(a) of　(b) from
(c) in　(d) by

4. Identify the segment in the sentence which contains a grammatical error.
Avoid the puddles caused by the downpour was quite a problem while I was driving.
(a) Avoid the puddles
(b) was quite a problem
(c) while I was driving
(d) caused by the downpour

5. Select the most appropriate synonym of the given word.
Foment
(a) Incite　(b) Inspire
(c) Imply　(d) Ignore

6. Identify the segment in the sentence which contains a grammatical error.
Every country tries to do its good at the Olympic games as they are held in great prestige.
(a) they are held　(b) Every country
(c) its good　(d) tries to do

7. Select the most appropriate antonym of the given word.
Farsighted
(a) Cautious　(b) Proactive
(c) Unwise　(d) Careful

8. Select the most appropriate word to fill in the blank.
There were many students .... all the answers.
(a) those knew　(b) that knows
(c) who knowing　(d) who knew

9. Select the most appropriate meaning of the given idiom.
He who laughs last laughs loudest
(a) Success in early life ensures success later also
(b) He who laughs last has more energy
(c) The person who understands the joke late laughs loudest
(d) He who focuses on winning in the long term is successful

10. Select the most appropriate antonym of the given word.
Abandon
(a) Abhor　(b) Agree
(c) Abolish　(d) Support

11. Select the most appropriate word to fill in the blank.
The new recruit was .... to impress his superiors.
(a) sincere　(b) cordial
(c) eager　(d) intend

12. Select the word which means the same as the group of words given.
A group of wolves
(a) Pack　(b) Flock　(c) Troop　(d) Tribe

13. Select the word which means the same as the group of words given.
Scientific study of the nervous system and brain
(a) Neuroscience
(b) Nephrology
(c) Cardiology
(d) Psychology

14. Select the incorrectly spelt word.
(a) Pomegranate　(b) Practice
(c) Pnemonia　(d) Platter

15. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
My parents usually go for a walk before they go to bed.
(a) usual went
(b) No substitution required
(c) are usually going
(d) were usually gone

16. Identify the segment in the sentence which contains a grammatical error.
The old lady finds it difficult to climb the steep steps of the train and asked for help.
(a) finds it   (b) of the train
(c) the steep steps (d) difficult to climb

17. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
India's market for electronic goods is one of the large market in the world.
(a) ones of the largest market
(b) one of the largest markets
(c) No substitution required
(d) one of the larger market

18. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is not need to substitute it, select 'No substitution required'.
I've discussed all the options with you. There are no more options available for you.
(a) not more   (b) none more
(c) anymore
(d) No substitution required

19. Select the most appropriate meaning of the given idiom.
Much ado about nothing
(a) Doing a lot and getting nothing in return
(b) Making a big fuss over a small thing
(c) Nothing happening without work
(d) Doing nothing in return

20. Select the most appropriate word to fill in the blank.
He was unpopular with his team as he was a scheming and .... person.
(a) willing   (b) conniving
(c) helpful   (d) honest

Directions (Q Nos. 21-25) *In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.*

The coronavirus (1) .... mostly through droplets that people send (2) .... when they talk, sneeze, or cough. These usually don't stay in the air (3) .... and they don't go farther than six feet. But the coronavirus might also travel (4) .... tiny aerosol particles that can linger in the air for up to three hours and travel farther away. You might also catch the coronavirus if you

touch something an infected person (5) .... and then touch your eyes, nose, or mouth.

21. Select the most appropriate option to fill in the blank no. 1.
(a) goes   (b) prepares
(c) spreads   (d) expands

22. Select the most appropriate option to fill in in blank no. 2.
(a) out   (b) apart
(c) in   (d) away

23. Select the most appropriate option to fill in the blank no. 3.
(a) for small
(b) for long
(c) smaller
(d) longer

24. Select the most appropriate option to fill in the blank no. 4.
(a) under   (b) by
(c) through   (d) before

25. Select the most appropriate option to fill in the blank no. 5.
(a) are touching
(b) has touched
(c) is touch
(d) would be touch

General Intelligence & Reasoning

26. If STRICTURE is coded as TSUTCIRER, then how would INCULCATE be coded?
(a) NIUCCLAT   (b) NIACLUCET
(c) NIALCCUET   (d) CNICLUETA

27. Which number will replace the question mark (?) in the following number series?
5, 4, 6, 15, 56, ?
(a) 195   (b) 200
(c) 275   (d) 330

28. If the signs − and ÷ are interchanged, then which of the following equations would be correct?
(a) $8 \times 12 − 6 ÷ 3 = 12$
(b) $12 ÷ 4 \times 3 − 6 = 10$
(c) $4 − 8 \times 16 ÷ 4 = 6$
(d) $8 + 12 − 6 ÷ 3 = 9$

29. If BANKER is coded as CAMKFR, then how would INDIAN be coded?
(a) JNEIBN   (b) JNCIBN
(c) HMCIZN   (d) JMCIZL

30. Select the number-pair in which the two numbers are related in the same way as the two numbers of the pair given below.
10 : 24
(a) 140 : 165
(b) 48 : 99
(c) 50 : 80
(d) 70 : 120

31. Eight friends A, B, C, D, E, F, G and H are sitting around a square table facing the centre.
I. B is facing D and is sitting to the right of E.
II. F, who is a neighbour of D, is facing G.
III. There are two persons between C and H and H is not facing E.
Who might be sitting between C and E, if there is only person between them?
(a) D   (b) A
(c) G   (d) B

32. If BANK is coded as 32 and BRAKE is coded as 42, then how would CLEVER be coded?
(a) 66   (b) 68
(c) 75   (d) 71

33. A medical representative visited the doctors P, Q, R, S, T and U from Monday to Saturday- only one doctor per day.
1. He visited U on some day before visiting R and T.
2. He visited P on the previous day of visiting S, but not on Thursday.
3. He did not visit either Q or S on the last day.
4. He visited Q just after U, but not on Tuesday.
Which are the two doctors he visited on the first two days?
(a) S and U
(b) U and Q
(c) P and U
(d) P and S