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Svante Paabo awarded Nobel Prize in medicine



PM Modi launches world's first Cheetah Rehabilitation Project



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74th Primetime Emmy Awards 2022

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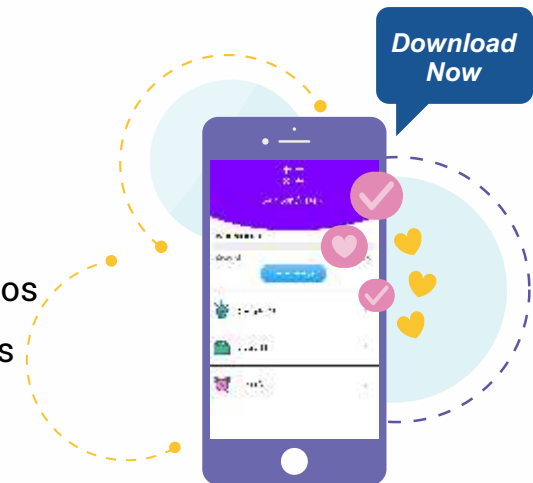
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IMPORTANT RATES (12-10-2022)

Repo Rate	5.90%
Reverse Repo Rate	3.35%
Marginal Standing Facility Rate	6.25%
Statutory Liquidity Ratio	18.00%
Cash Reserve Ratio	4.50%
Bank Rate	6.15%

New Batches Starting for

SSC CGL/CHSL : 20th October 22
BANK PO/CLERK : 24th October 22
STATE EXAMS : 27th October 22

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IMPORTANT DAYS IN OCTOBER

Oct. 01	International Day of Older Persons
Oct. 05	World Teachers Day
Oct. 09	World Post Day
Oct. 10	World Mental Health Day
Oct. 11	International Day of the Girl Child
Oct. 15	International Day of Rural Women
Oct. 16	World Food Day
Oct. 24	World Polio Day

IMPORTANT DAYS IN NOVEMBER



Nov. 09	World Service Day
Nov. 14	Children's Day
Nov. 16	International Day for Endurance
Nov. 17	National Journalism Day
Nov. 18	World Adult Day
Nov. 19	World Citizen Day
Nov. 21	World Television Day
Nov. 26	World Environment Protection Day

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Success Story

Name: Shreshth Talwar
Education: Graduation
Final Selection : SBI PO



IBT: I wish you many congratulations for you proved that you have the caliber to achieve your goal. You must be feeling proud of yourself.

Shreshth: Thank you, sir.

IBT: How did you feel when you got to know that you have qualified the exam?

Shreshth: The moment I checked the result, I could not believe that I qualified the exam. I checked it 3-4 times, then only I could believe that I really nailed the exam. I am very glad. Initially, I was little scared like other students if I would be able to qualify any exam, but finally my efforts and hard work proved to be fruitful and I experienced that being underconfident is fruitless. I succeeded in overcoming my fear and got selection. My dedication and sincerity helped me to crack the exam. I am really feeling overwhelmed.

IBT: What was your future plan before joining the Institute?

Shreshth: I've always aspired to get a govt. job. The same was the dream of my parents. I took a few govt. exams during my graduation. Results of those examinations made me realize that I need coaching. This is the reason I joined IBT Institute which, I think, has been the smart decision of mine as it is the most prestigious institute in India. The reason I am calling IBT a prestigious Institute is that it provides its students everything which is required to qualify the desired exam like Mock Tests, Study Notes,

Books, Magazines, Lifetime Membership Card (LMC), and most importantly experienced and worthy teachers.

IBT: What strategy did you follow to achieve your goal?

Shreshth: I consider that to qualify any exam one should have understanding of every concept of each subject. That's why I was determined to attend all the classes regularly. I focused not only on my favorite subjects but also on the subjects which were not dear to me. In beginning, I used to have many doubts which I would clear in the separate doubt sessions provided by the Institute. After practicing all the topics, I majorly focused on my weak areas and revised the strong chapters.

IBT: What you think is the best strategy while taking any competitive exam?

Shreshth: Sir, I think, time management is crucial while taking any competitive exam. One ought to allocate appropriate time to each question. One must pay attention not only on speed but also on accuracy. Students must make their own strategy as per their own strengths and weaknesses. This would only be possible if they are taking mock tests on the regular basis along with the time bound practice of the questions.

IBT: How much time did you use to devote for the preparation of the exam?

Shreshth: Sir, I never made a hard and fast rule for myself to study for a fixed no. of hours, but I used to study for 4-6 hours a day. I always used to decide the number of topics that I was going to practice in a day. For me, achieving that target was much important rather than fixing study hours.

IBT: What contribution did IBT Institute make to your success?

Shreshth: Faculty of IBT Institute helped me a lot to clear all my doubts regarding the subjects. It is only due to the flexible batch timings, regular guidance, doubt sessions and weekly mock tests because of which I became able to qualify this examination.

IBT: Would you like to say something to your parents or teachers?

Shreshth: I would like to attribute my success to my parents who always supported me, my teachers who were always there to guide me and IBT Institute as a whole which supported me during my journey towards success. The faculty members guided me in the proper direction.

IBT: Would you like to suggest something to other aspirants?

Shreshth: Firstly, they have to be very clear what they want to achieve in their life and if they are really interested in joining the govt. job, they must not leave any room for preparation. Dedication and diligence are the keys to reach the summit of success.

IBT: Celebrating your success and wishing that you achieve everything best in your life!

Shreshth: Thank you very much, sir!

PRECIOUS WORDS

"Luck is what happens when preparation meets opportunity"

Svante Paabo awarded Nobel Prize in medicine

The Nobel Prizes 2022 for medicine or physiology was awarded to Swedish geneticist Svante Paabo. Svante Paabo was given the award "for his discoveries concerning the genomes of extinct hominins and human evolution," the Nobel Prize committee. Considered the most prestigious prize in the scientific world, it is awarded by the Nobel Assembly of Sweden's Karolinska Institute and is worth 10 million Swedish crowns.

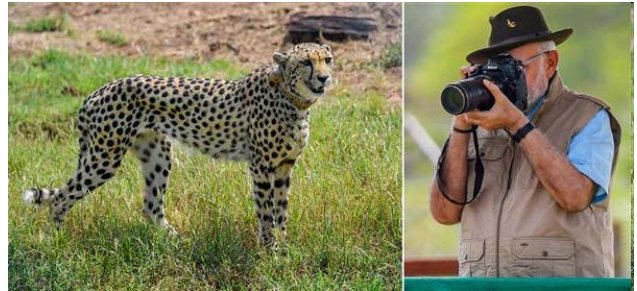
About Svante Paabo

Born on 20 April 1955, Svante Paabo is a Swedish geneticist specialising in the field of evolutionary genetics. As one of the founders of paleogenetics, he has worked extensively on the Neanderthal genome. He is the founding director of the Department of Genetics at the Max Planck Institute for Evolutionary Anthropology in Leipzig, Germany, since 1997. He is also professor at Okinawa Institute of Science and Technology, Japan.

Awards and honours

In 1992, he received the Gottfried Wilhelm Leibniz Prize of the Deutsche Forschungsgemeinschaft, which is the highest honour awarded in German research. Paabo was elected a member of the Royal Swedish Academy of Sciences in 2000. In 2005, he received the prestigious Louis-Jeantet Prize for Medicine. In 2008, Paabo was added to the members of the Order Pour le Merite for Sciences and Arts. In the same year he received the Golden Plate Award of the American Academy of Achievement. In October 2009, the Foundation For the Future announced that Paabo had been awarded the 2009 Kistler Prize for his work isolating and sequencing ancient DNA, beginning in 1984 with a 2,400-year-old mummy. In June 2010, the Federation of European Biochemical Societies (FEBS) awarded him the Theodor Bucher Medal for outstanding achievements in Biochemistry and Molecular Biology. In 2013, he received Gruber Prize in Genetics for ground breaking research in evolutionary genetics. In June 2015, he was awarded the degree of DSc (honoris causa) at NUI Galway. He was elected a Foreign Member of the Royal Society in 2016, and in 2017, was awarded the Dan David Prize. In 2018, he received the Princess of Asturias Awards in the category of Scientific Research, in 2020 the Japan Prize, in 2021 the Massry Prize and in 2022 the Nobel Prize in Physiology or Medicine for sequencing the first Neanderthal genome.

PM Modi launches world's first Cheetah Rehabilitation Project



Prime Minister Narendra Modi on 20th September released wild Cheetahs, which had become extinct in India, in "Kuno National Park". Cheetahs that have been brought from Namibia are being introduced in India under "Project Cheetah", which is the world's first inter-continental large wild carnivore translocation project.

Out of the eight Cheetahs, there are five females and three males. Mr. Modi released Cheetahs at two release points in Kuno National Park.

About Cheetah Rehabilitation Project:-

- Cheetahs had become extinct from India in 1952, no meaningful effort was made to rehabilitate them for the past seven decades. The Azadi Ka Amit Mahotsav has started to rehabilitate cheetahs with new energy.
- In January 2022, environment minister Bhupendra Yadav launched the action plan for reintroducing in India, starting with Kuno national park
- The years of hard work that went behind making this rehabilitation successful, and the utmost energy was deployed for an area that is not given too much political importance.
- Taking note of Azadi ka Amritkaal, the Prime Minister recalled the Panch Pran and highlighted the importance of taking pride in India's heritage and liberation from the mentality of slavery. In the last centuries, the exploitation of nature was considered to be a symbol of power and modernity.

About "Kuno National Park" :-

- Kuno National Park is a national park in Madhya Pradesh, India, established in 1981 as a wildlife sanctuary with an initial area of 344.686 km² (133.084 sq mi) in the Sheopur and Morena districts. In 2018, it was given the status of a national park. It is part of the Khathiar-Gir dry deciduous forests ecoregion.

Asia Cup 2022

Asia Cup 2022 is the 15th edition of the Asia Cup Cricket Tournament which was held on 27th August 2022. This year, Asia Cup 2022 hosted by United Arab Emirates (UAE), in two venues, Dubai International Cricket Stadium and Sharjah Cricket Stadium. Asia Cup 2022 played in the T20 format for the second time in the history of this cricket tournament. Indian cricket has been the defending champions in Asia Cup Cricket Tournament.

This year, the second match of Asia Cup 2022 was India vs Pakistan on 28th August. India and Pakistan have not played any bilateral series due to political tensions between the two countries since the 2012-13 season. However, they meet only at multi-nation tournaments like Asia Cup and World Cup. In this article, you will get to know about the head-to-head records of India and Pakistan in the Asia Cup.



ASIA CUP 2022 FINALS: SRI LANKA VS PAKISTAN

Sri Lanka won by 23 runs against Pakistan. Pakistan was left all out by Sri Lanka. Pakistan won the toss and chose to bowl first. Sri Lanka made 170 runs in 20 overs with a loss of 6 wickets. W Hasaranga made 36 runs in 21 balls and Dhananjaya de Silva made 28 runs in 21 balls. Pathum Nissanka and Kusal Mendis were opening batsmen from Sri Lanka, they made 8 runs and 0 runs respectively.

INDIA VS PAKISTAN ASIA CUP HEAD-TO-HEAD STATS

Date	Format	Winner	Stadium
13 April 1984	ODI	India	Sharjah Cricket Stadium
31 October 1988	ODI	India	Bangabandhu National Stadium
7 April 1995	ODI	Pakistan	Sharjah Cricket Stadium
20 July 1997	ODI	India	SSCG
3 June 2000	ODI	Pakistan	Bangabandhu National Stadium
25 July 2004	ODI	Pakistan	R. Premadasa Stadium
26 June 2008	ODI	India	Karachi National Stadium
2 July 2008	ODI	Pakistan	Karachi National Stadium
19 June 2010	ODI	India	Rangiri International Stadium
18 March 2012	ODI	India	Sher-e-Bangla National Stadium
2 March 2014	ODI	Pakistan	Sher-e-Bangla National Stadium
27 February 2016	T20	India	Sher-e-Bangla National Stadium
19 September 2018	ODI	India	Dubai International Stadium
23 September 2018	ODI	India	Dubai International Stadium
11 September 2022	T20	Sri Lanka	Dubai International Stadium

INDIA VS PAKISTAN ASIA CUP HEAD-TO-HEAD STATS

In the history of the Asia Cup, India has won eight out of 13 matches against Pakistan. Team India has a 100 percent winning rate in the T20 format, however, in the ODI format, Pakistan beat India five times. The first T20 Asia Cup was held on 27th February 2016 in the Sher-e-Bangla National Stadium. In the first T20 Asia Cup India won by 5 wickets against Bangladesh. The winning percentage of India in the ODI format in the Asia Cup in these years is 53.85% against Pakistan.

74th Primetime Emmy Awards 2022

The 74th Primetime Emmy Awards were held, to mark some remarkable American television performances until mid-2022. Overall, there are 40-plus categories, where writers, actors, directors and editors were awarded for their remarkable work from June 1, 2021 to May 31, 2022. The 74th annual Emmy Awards hosted by Kenan Thompson at the Microsoft Theater in Los Angeles.



74TH EMMY AWARDS 2022: LIST OF WINNERS

Category	Winner
Outstanding lead actress in a comedy series	Jean Smart- Hacks
Outstanding lead actor in a comedy series	Jason Sudeikis- Ted Lasso
Outstanding comedy series	Ted Lasso
Outstanding lead actor in a limited or anthology series or a movie	Michael Keaton- Dopesick
Outstanding lead actress in a limited or anthology series or a movie	Amanda Seyfried- The Dropout
Outstanding limited or anthology series	The White Lotus
Outstanding lead actress in a drama series	Zendaya- Euphoria
Outstanding lead actor in a drama series	Lee Jung-jae- Squid Game
Outstanding drama series	Succession
Supporting actor in a comedy series	Brett Goldstein- Ted Lasso
Supporting actress in a comedy series	Sheryl Lee Ralph- Abbott Elementary
Guest actor in a drama series	Colman Domingo- Euphoria
Guest actress in a drama series	Lee You-mi- Squid Game
Supporting actor in a drama series	Matthew Macfadyen- Succession
Supporting actress in a drama series	Julia Garner- Ozark
Supporting actor in a limited series or TV movie	Murray Bartlett- The White Lotus
Supporting actress in a limited series or TV movie	Jennifer Coolidge- The White Lotus
Television movie	Chip 'n' Dale: Rescue Rangers
Guest actor in a comedy series	Nathan Lane- Only Murders in the Building
Guest actress in a comedy series	Laurie Metcalf- Hacks
Outstanding writing for a comedy series	Abbott Elementary- Quinta Brunson
Outstanding writing for a drama series	Succession- Jesse Armstrong
Outstanding writing for a limited or anthology series or movie	The White Lotus- Mike White
Outstanding writing for a variety series	Last Week Tonight With John Oliver

Outstanding writing for a variety special	Jerrold Carmichael: Rothaniel
Outstanding writing for a nonfiction program	Lucy And Desi
Outstanding competition program	Lizzo's Watch Out for the Big Grrrls
Structured reality program	Queer Eye
Unstructured reality program	Love on the Spectrum
Host for a reality or competition program	RuPaul- RuPaul's Drag Race
Variety sketch show	Saturday Night Live
Variety special (live)	The Pepsi Super Bowl LVI Halftime Show Starring Dr. Dre- Snoop Dogg- Mary J. Blige- Eminem- Kendrick Lamar And 50 Cent
Variety special (pre-recorded)	Adele: One Night Only
Short form comedy, drama or variety series	Carpool Karaoke: The Series
Short form nonfiction or reality series	Full Frontal With Samantha Bee Presents: Once Upon A Time In Late Night
Documentary or nonfiction special	George Carlin's American Dream
Documentary or nonfiction series	The Beatles: Get Back
Exceptional merit in documentary filmmaking	When Claude Got Shot
Actor in a short form comedy or drama series	Tim Robinson- I Think You Should Leave With Tim Robinson
Actress in a short form comedy or drama series	Patricia Clarkson- State of the Union
Animated program	Arcane
Short-form animated program	Love- Death + Robots
Character voice-over performance	Chadwick Boseman- What If...?
Narrator	Barack Obama- Our Great National Parks
Hosted nonfiction series or special	Stanley Tucci: Searching for Italy
Outstanding directing for a comedy series	Ted Lasso- MJ Delaney
Outstanding directing for a drama series	Squid Game- Hwang Dong-hyuk
Outstanding directing for a limited or anthology series or movie	The White Lotus- Mike White
Outstanding directing for a variety series	A Black Lady Sketch Show- Bridget Stokes
Outstanding directing for a variety of special	Adele: One Night Only- Paul Dugdale
Outstanding Directing for a documentary/nonfiction program	The Beatles: Get Back- Peter Jackson
Outstanding Directing for a reality program	Lizzo's Watch Out For The Big Grrrls- Nneka Onuorah

VANDE BHARAT TRAIN BREAKS THE RECORD OF A BULLET TRAIN, 100KM IN JUST 52 SECONDS



India's semi-high-speed train, the "Vande Bharat" express, broke the record of the bullet train during a test run between Ahmedabad and Mumbai. In just 52 seconds, the third Vande Bharat train reached a speed of 100 km/h. The train has finished its test run and received all necessary approvals to start operating for pay. On September 30, the train is likely to depart from Gujarat's Gandhinagar under the leadership of Prime Minister Narendra Modi.

During the trial, the Vande Bharat train also broke the record of the bullet train. The train reached the speed from 0-100 kmph in 52 seconds as compared to the earlier version which attained the same speed in 54.6 seconds.

As per the report, the train travelled the 491 km nonstop route between Ahmedabad and Mumbai at a top speed of 130kmph in five hours and 14 minutes. According to officials, the return trip took the train five hours and four minutes. If there is any stoppage the journey between the two cities will probably take about 6 hours.

The Shatabdi and IRCTC's Tejas Express are two of the faster train services available on this route. Shatabdi takes six hours and 15 minutes, while Tejas takes six hours and 20 minutes.

The government is working on the bullet train project between Mumbai and Ahmedabad. With the introduction of bullet trains in the future, the same distance will be travelled at a speed of 320kmph in 2-3 hours.

Make-in-India Vande Bharat trains are currently run on the Varanasi-New Delhi line. Each Vande Bharat train has 16 air-conditioned coaches with 180-degree rotating seats and a capacity for 1,128 passengers. It also contains a train collision avoidance system to prevent signal passing at danger spots and risky scenarios coming out of over-speeding and train crashes in station areas. The Railways has set a target of manufacturing 75 such trains by August 2023.

The maximum speed of the third Vande Bharat train is 180 km/ph whereas the first generation Vande Bharat trains have a maximum speed of 160 km/ph and reach 0-100 kmph in 54.6 seconds. The improved features also include automatic fire sensors, CCTV cameras, three-hour battery backup, GPS systems, and a photocatalytic ultraviolet air purification system to filter and clean the air free from germs, bacteria, viruses, etc. fresh air and return air.

Global Innovation Index 2022: India climbs to 40th rank



India has climbed to the 40th rank in the Global Innovation Index of the World Intellectual Property Organization. This is a huge leap of 41 places in 7 years. India has leapfrogged to 40th position on the Global Innovation Index (GII) 2022 from the 81st spot in 2015.

India's innovation performance is above average for the upper-middle-income group in almost every innovation pillar, with the exception of infrastructure, where it scores below average. Within Central and Southern Asia, India continues to lead in the 40th position, moving further up the rankings, from its 46th position in 2021.

Theme for 2022: "What is the future of innovation-driven growth?".

For the twelfth consecutive year, Switzerland ranks first in the GII followed by the US.

India continues to lead the world in ICT (information and communication) services exports and holds top rankings in other indicators, including venture capital receipt value, finance for start-ups and scale-ups, graduates in science and engineering, labour productivity growth and domestic industry diversification.

NATIONAL NEWS

SEPTEMBER 2022

INDORE BECOMES INDIA'S FIRST 'SMART CITY' WITH 'SMART ADDRESSES'



- Indore (MP) has implemented a fully digital addressing system that makes Indore the first city in India to do so.
- For this smart city initiative, an MoU was signed with the firm Pataa Navigations.
- Pataa: This organisation has developed patented technology and is working with ISRO to develop a digital addressing system for the nation.
- Users of the Pataa App can upload images of their homes, landmarks, etc, along with their addresses in the full text.

MEGHALAYA CM LAUNCHES 'RESIDENTS SAFETY & SECURITY' PORTAL

- Meghalaya chief minister Conrad K Sangma launched the online portal of the Meghalaya Residents Safety and Security Act (MRSSA).
- It will be beneficial for monitoring and better implementation of other services and programmes of the government, especially in critical areas such as health care
- The digitisation process will connect more than 6,000 villages in the state to the online system.

ODISHA LAUNCHED RAINWATER HARVESTING SCHEME 'CHHATA'

- Odisha government has launched a rainwater harvesting scheme named 'Community Harnessing and Harvesting Rainwater Artificially from Terrace to Aquifer (CHHATA).
- It will be implemented for a period of five years.
- Aim: Conserve rainwater and improve the water quality in urban local bodies (ULBs) and water scarce blocks.
- It will be implemented through the department of Water Resources (DoWR) with an outlay of Rs 270 crore.

HEALTH MINISTER, DR MANSUKH MANDAVIYA LAUNCHES RAKTDAAN AMRIT MAHOTSAV

- Union Health Minister Dr Mansukh Mandaviya will launch a countrywide mega drive 'Raktdaan Amrit Mahotsav' for voluntary blood donation from 17th September to 1st October 2022.
- The special drive is a part of the Azadi Ka Amrit Mahotsav.
- The registrations for the Raktdaan Amrit Mahotsav have been started on the E-Raktkosh portal and Aarogya Setu app.
- Nation will observe 1st October as the National Voluntary Blood Donation Day.

KARNATAKA GOVT LAUNCHES GLOBAL STARTUP CHALLENGE

- The Karnataka government has launched a Global Startup Challenge named VentuRISE.
- Aim: To support growth stage startups in manufacturing and sustainability-related sectors.
- VentuRISE, it will be a part of the Global Investors Meet - Invest Karnataka 2022 that will be held from 2 - 4 November in Bengaluru.
- Cash prize: \$ 100,000
- The global challenge will help entrepreneurs to showcase their innovative products or solutions and connect with potential investors.

TAMIL NADU GOVERNMENT LAUNCHED PUDHUMAI PENN FOR GIRL STUDENTS



- Tamil Nadu CM, M K Stalin has launched the 'Pudhumai Penn' (modern woman) scheme for state's girl students.
- Under this scheme, all girl students, who studied from Classes 6 to 12 in government schools, will get Rs 1,000 per month to pursue higher education.
- The money will be directly transferred to the bank accounts of students.
- Aim: Reduce child marriages and make women independent
- The government has also launched 26 Schools of Excellence and 15 Model Schools.

UTTARAKHAND GOVT. LAUNCHES E-GOVERNANCE PORTAL 'SAMARTH'

- The Uttarakhand education department has launched an e-governance portal named "Samarth" with an aim to provide all administrative and educational updates.
- It includes information about entrance exams, salary structures, appointments from five state universities and public schools.
- Aim: To make the education system more transparent in the state.
- Around 200 assistant professors of science subjects will be sent to IISc, Bengaluru for special training..

GUJARAT GOVERNMENT UNVEILS CINEMATIC TOURISM POLICY



- Gujarat CM, Bhupendra Patel has unveiled the state's first Cinematic Tourism Policy at an event in Gandhinagar, Gujarat.
- During the launch the govt has signed MoUs worth ₹1,020 crore with organisations and individuals with the department for the development of film infrastructure and film production.
- The policy offers various financial and non-financial incentives for film infrastructure development projects and for film-making projects.
- Special guest: Actor Ajay Devgan

BATHUKAMMA A FLORAL FESTIVAL BEGINS ACROSS TELANGANA STATE

- In Telangana, Bathukamma, the state floral festival has begun with women in large numbers participating in the festivities across the state. Yesterday marked the beginning of the nine-day official festival of the state.
- Prime Minister Narendra Modi has greeted everyone, particularly the Nari Shakti of Telangana on the auspicious occasion of Bathukamma. In a tweet, Mr. Modi hoped that this festival will deepen our connect with nature and interest in flowers.
- During the nine-day annual festival, women and girls sing and dance around specially arranged flowers. At the end of the festival, the floral arrangements will be immersed in local ponds.

UP CM INAUGURATES LATA MANGESHKAR CHOWK IN AYODHYA ON HER 93RD BIRTH ANNIVERSARY IN HONOUR OF LEGENDARY SINGER

- The inauguration of the Lata Mangeshkar Chowk in Ayodhya is a 'fitting tribute to one of the greatest Indian icons'
- Uttar Pradesh chief minister Yogi Adityanath inaugurated the Lata Mangeshkar Chowk in Ayodhya on Wednesday on the occasion of the 93rd birth anniversary of the late singer and Bharat Ratna awardee
- Union cultural minister, G Kishan Reddy, and state tourism and culture minister, Jaiveer Singh, were also present in the inauguration event.

36TH NATIONAL GAMES TO BE DECLARED OPEN BY PRIME MINISTER

- Prime Minister Narendra Modi will inaugurate the 36th National Games at a grand Opening Ceremony to be held at the Narendra Modi stadium in Ahmedabad.
- Mr. Modi will also address athletes from across the country taking part in the National Games. Union Youth Affairs and Sports Minister Anurag Singh Thakur and other dignitaries will attend the opening ceremony.
- National Games are being held in the state of Gujarat for the very first time. It will begin and will continue till 12th October.

INDIA TO HOST QUAD SENIOR OFFICIALS' MEETING

- The Quad group meeting will be hosted by India in New Delhi with Japan, U.S, and Australia in the coming week. The Quad meeting is the first such "Senior Officers Meeting" (SOM) to be held after tensions rose between China and Taiwan. The Quad SOM meeting is one of several meetings to be held between India and Indo-Pacific Partners.
- The Quad SOM meeting is going to be held anytime between 5th-6th September. The SCO summit in Uzbekistan in mid-September is ahead of the Quad SOM meeting. Prime Minister Narendra Modi along with the important leaders of Russia, Iran, China, Pakistan, and Central Asia will attend the SCO Summit, as it is the first such in-person meeting since the outbreak of the COVID-19 pandemic and the Russia-Ukraine war.

AUGUST 2022**CHHATTISGARH CM GOVT LAUNCHED 'MAHTARI NYAY RATH'**

- The Chhattisgarh Women Commission has organised 'Mukhyamantri Mahtari Nyay Rath Yatra' to make the women of the state aware of their constitutional rights and laws.
- CM Bhupesh Baghel has flag off the 'Mukhyamantri Mahtari Nyay Rath' (chariots) on the occasion of Hareli Tihaar festival.
- The Information regarding women's rights and concerning laws spread through short films, messages and brochures.
- Chairperson of Chhattisgarh women's commission: Dr. Kiranmayi Nayak

WEST BENGAL TO CARVE OUT SEVEN NEW DISTRICTS, TOTAL NUMBER RISES TO 30

- West Bengal CM, Mamata Banerjee has announced that the state will soon carve out seven new districts.
- Earlier there were 23 districts in Bengal, after this, West Bengal will have 30 districts.
- Seven new districts: Sunderban, Ichhemati, Ranaghat, Bishnupur, Jangipur, and Behrampur.

- One more district will be named from the Basirhat region.
- Aim: Smaller units would make governance easier and benefit the people by bringing the administration closer to them.

AMAZON JOINS HANDS WITH INDIAN RAILWAYS TO BOOST DELIVERY OF PACKAGES

- Amazon India has come into a partnership with Indian Railways to boost its delivery services in the country.
- This partnership helps e-commerce firm to transport packages on more than 110 inter-city routes, ensuring one to two-day delivery for its customer.
- Amazon India now ferries customer packages with the Indian Railways to cities and towns such as Jharsuguda, Ratnagiri, Kurnool, Nanded, Bareilly, Bokaro and Rudrapur among others

INDIA'S FOOD PROCESSING INDUSTRY COULD REACH \$530 BN BY FY27

- According to a report, the Indian Food Processing industry could potentially grow at a CAGR of 10-11% to reach \$500-530 bn by FY27.
- This is due to its strong agricultural background and several favourable trends supporting its progress.
- According to the report, India has emerged as a global agricultural powerhouse.
- Now it is the world's 2nd-largest agricultural producer, leading in the production of cereals, pulses, fruits and vegetables, sugar, and milk.

KERALA GOVT TO LAUNCH ONLINE CAB SERVICE 'KERALA SAVARI'

- The Kerala government is set to launch its own e-taxi service named 'Kerala Savari' from August.
- This online taxi hiring service is being rolled out by the state Labour Department which is linking the existing auto-taxi networks in the state.
- Aim: To ensure safe and dispute-free travel for the public at affordable rates prevailing in the state.
- The new service would be launched in a function to be held at Kanakakkunnu Palace.

PM MODI LAUNCHES REVAMPED POWER DISTRIBUTION SECTOR SCHEME

- PM Narendra Modi has participated in the grand finale of 'Ujjwal Bharat Ujjwal Bhavishya - Power @2047' via video conferencing.
- During the event, he launched the revamped distribution sector scheme.
- He also laid the foundation stone of various green energy projects of the National Thermal Power Corporation Limited.
- The initiative proposes to provide financial support to discoms with an outlay of more than Rs 3 lakh crore for five-year period till FY 2025-26.

AMIT SHAH INAUGURATED CONFERENCE ON DRUG TRAFFICKING

- Union Home Minister Amit Shah spent all day in Chandigarh where he inaugurated a symposium on drug trafficking and national security. Along with Shah, other speakers at the national conference included Banwarilal Purohit, the chief ministers of Punjab, Himachal Pradesh, Haryana, the lieutenant governor of Jammu & Kashmir, and the Union Minister of Social Justice and Empowerment.
- An official announcement states that Narcotics Control Bureau (NCB) teams from Delhi, Chennai, Guwahati, and Kolkata will burn and dispose of more than 30,000 kg of drugs during the conference.
- The NCB launched its drug disposal campaign on June 1 and has since disposed of over 51,217 kg of drugs in 11 states.

GOVT. FORMS TASK FORCE TO MONITOR MONKEYPOX SITUATION IN INDIA

- The government has constituted a task force on monkeypox to closely monitor the emerging situation in the country.
- The task force will provide guidance to the government on the expansion of diagnostic facilities in the country and explore emerging trends related to vaccination for the disease.
- The task force will be headed by Dr V K Paul, NITI Aayog member (health).
- The World Health Organisation (WHO) has recently declared monkeypox a global public health emergency.

VP VENKAIAH NAIDU PRESENTS PRESIDENT'S COLOURS TO TAMIL NADU POLICE

- Vice President, M Venkaiah Naidu has presented the prestigious President's Colours to the Tamil Nadu police for their commendable service and many achievements.
- The President's Colours is a recognition of services rendered by police personnel during the past 160 years.
- The Police Department was established in 1856 in Chennai, then known as Madras and in 1859 a police Act for the city was enacted.
- DG of Tamil Nadu Police: C. Sylendra Babu

TELANGANA LAUNCHES 'NETHANNA KU BIMA' SCHEME FOR WEAVERS

- Telangana Government has launched 'Nethanna Ku Bima' Scheme, an insurance scheme, which covers handloom and power loom weavers in the State.
- This scheme was launched by Telangana Handlooms Minister, KT Rama Rao virtually on the occasion of National Handloom Day.
- The insurance coverage scheme will be implemented in association with LIC.
- In case of natural or accidental death of a weaver, Rs. 5 lakh would be deposited into the nominees' account within 10 days.

ASSAM CM LAUNCHES DIGITAL ISSUANCE OF CASTE CERTIFICATES FOR STUDENTS

- Assam CM, Himanta Biswa Sarma has launched 'Mission Bhumiputra', a digital way to issue digitalised caste certificates to students.
- He has also inaugurated a Bhumiputra Portal at a programme held at Srimanta Sankardev Kalakshetra.
- This initiative was implemented by the Departments of Tribal Affairs (Plain) and Social Justice Empowerment.
- The certificates issued will be available in the digi locker under the IT Act with digital signature of the respective DC.

INDIA ADDS 10 MORE WETLANDS DESIGNATED AS RAMSAR SITES

- India has added 10 more sites to Ramsar list, taking the total number of such sites in the country to 64.
- 10 new wetland sites are from TN, Goa, Karnataka, Madhya Pradesh and Odisha.
- TN: Koonthankulam Bird Sanctuary, Gulf of Mannar Marine Biosphere Reserve; Vembannur Wetland Complex; Vellore Bird Sanctuary; Vedanthangal Bird Sanctuary; Udhayamarthandapuram Bird Sanctuary
- Odisha: Satkosia Gorge

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JULY 2022**VIVEK EXPRESS, LONGEST TRAIN JOURNEY COVERS 4,247 KM AND 9 STATES**

- The Vivek Express, which runs from Dibrugarh in Assam to Kanyakumari in Tamil Nadu, holds the title of the longest train route in the country (both in terms of distance and time).
- The train covers total of nine states: Assam, Nagaland, Bihar, West Bengal, Jharkhand, Odisha, Andhra Pradesh, Kerala, and Tamil Nadu.
- The announcement of the Vivek Express was made in presentation of the railway budget for 2011-12 by Mamata Banerjee (then Railway Minister of India).

GUJARAT BECOMES BEST PERFORMER FOR 3RD TIME IN STATES' STARTUP RANKING 2021**IBT**

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- Gujarat has been selected as the 'Best Performer State' for the third time in the States' Startup Ranking 2021.
- The ranking has categorized the states under two categories - category A and category B - based on their size.

Top performers:

- A category: Kerala, Maharashtra, Odisha, and Telangana
- B category: J&K

Startup leaders:

- Category A: Tamil Nadu, Uttarakhand, Uttar Pradesh, Punjab and Assam
- Category B: Arunachal Pradesh, Goa, Andaman and Nicobar Islands.

ODISHA EMERGES AS TOP STATE IN STATE RANKING INDEX FOR NFSA

- Three states, Odisha, Uttar Pradesh, and Andhra Pradesh have emerged as the top states in the State Ranking Index for National Food Security Act (NFSA).
- The first edition of State Ranking Index for NFSA has been released by Consumer Affairs Minister Piyush Goyal.
- Special Category: Tripura, followed by Himachal Pradesh and Sikkim.
- Last: Ladakh (34), Meghalaya (33), Manipur(32)

PM NARENDRA MODI INAUGURATES DIGITAL INDIA WEEK 2022

- PM Narendra Modi has inaugurated the Digital India Week 2022 at Gandhinagar in Gujarat on July 4, 2022.
- Theme 2022 is Catalyzing New India's Techade.
- He will also launch 'Digital India GENESIS' - a National Deep-tech Startup Platform, to discover, support, grow and make successful startups in Tier-II and Tier-III cities of India.
- He will launch 'Indiastack.global'; 'MyScheme' - a service discovery platform facilitating access to Government Schemes.

INDIA SIGNS MOU WITH ARMENIA ON HIGH IMPACT COMMUNITY DEVELOPMENT PROJECTS

- India has signed an MoU with Armenia on High Impact Community Development Projects in Armenia with financial and technical assistance from India.
- The MoU was signed at the 8th India-Armenia Intergovernmental Commission on Trade, Economic, Scientific and Technological, Cultural and Educational Cooperation (IGC) held in Yerevan.
- Later, Mahatma Gandhi Auditorium was inaugurated at the Yerevan State Medical University (YSMU).

WCD MINISTER, SMRITI IRANI GETS ADDITIONAL CHARGE OF MINORITY AFFAIRS

- Women and Child Development Minister, Smriti Irani and Civil Aviation Minister, Jyotiraditya Scindia have been assigned additional charge in addition to their existing portfolios.
- Smriti Irani has been assigned the charge of Ministry of Minority Affairs after the resignation of Mukhtar Abbas Naqvi.
- Jyotiraditya Scindia has been given the additional charge of the Ministry of Steel after the resignation of Ram Chandra Prasad Singh.

INTERNATIONAL NEWS

SEPTEMBER 2022

GIORGIA MELONI ELECTED AS FIRST WOMAN PM OF ITALY



- Giorgia Meloni will likely become Italy's first woman prime minister.
- Meloni grew up in a working-class area of Rome. Giorgia Meloni won her first local election at age 21 and, in 2008, became the youngest-ever minister in Italy at age 31.
- She was a member of a conservative group created by former prime minister Silvio Berlusconi before she left it and co-founded Brothers of Italy in 2012.
- Meloni compares Brothers of Italy to the Conservative Party in Britain and the Republican Party in the U.S. The Italian press has compared Meloni to Margaret Thatcher, who was the first woman prime minister of Britain.
- Meloni supports supplying Ukraine with weapons to defend against Russia's invasion. On migration, she said she wants a naval blockade to stop migrant boats from leaving North Africa. She has said she might place same-sex marriage under review. Meloni says women have to get to the top by merit, and she is against rules that would say how many women should be in parliament.

META SHUTS DOWN RUSSIA, CHINA-BASED INFLUENCE CAMPAIGNS

- The Parent Company of Facebook, Meta took down two separate covert influence networks operating from China and Russia.
- The company publicly detailed the takedown, as it remains on high alert for foreign interference in the US midterm elections.
- The network from China was small and barely received any attention, however, it did include some accounts that posed as the Americans on both sides of the political spectrum.
- The Russian Campaign, on the other hand, was vast as it pushed the pro-Kremlin narrative about the war in Ukraine.
- The operation included website that were designed to mimic real western news outlets, including The Guardian. The Russian campaign also registered fake sites designed to look like The daily mail and the German outlets.

INDIA RANKS 40TH IN GLOBAL INNOVATION INDEX

- India has reached the 40th rank in the Global Innovation Index of the World Intellectual Property Organization.
- This is a great leap of 41 places in 7 years. India was at 81 positions in 2015 and 40th in 2022.
- India has also maintained 1st rank in ICT services exports over the years. The last time when the GII ranking was done, India stood in the 45th position. The country has come

a long way and there are even more heights to scale.

- The Global Innovation Index is an annual ranking of countries by their capacity for, and success in, innovation. It was started in 2007 by INSEAD and World Business, a British magazine.

CURRENT ACCOUNT DEFICIT WIDENS TO 2.8% OF GDP

- As per the data released by the Reserve Bank on India's Balance of Payments during the First Quarter (April-June) of 2022-23, the current account balance recorded a deficit of USD 23.9 billion (2.8 per cent of GDP) in the first quarter, up from USD 13.4 billion (1.5 per cent of GDP) in January-March period of the last fiscal.
- India's current account deficit, a key indicator of the balance of payment position, widened to 2.8 per cent of GDP at USD 23.9 billion in the first quarter of the current financial year, mainly on account of a higher trade deficit.

SAUDI BECOMES INDIA'S 2nd LARGEST OIL SUPPLIER

- Saudi Arabia emerged as the second-biggest oil supplier to India after a three-month gap.
- Saudi Arabia has overtaken the Russia by a thin margin, while Iraq retained the top spot in August 2022.
- India is the world's third biggest oil importer and consumer, shipped in 863,950 barrels per day (bpd) of crude from Saudi Arabia (up 4.8% from the previous month).
- UAE has ranked four, while Kazakhstan replaced Kuwait to become fifth oil supplier to India, followed by US.

INDIA SURPASSES UK TO BECOME WORLD'S 5TH BIGGEST ECONOMY

- India has surpassed the United Kingdom to become the world's 5th biggest economy.
- The International Monetary Fund (IMF) has forecasted that India is overtaking the UK in terms on an annual basis this year.
- Top four: The US, China, Japan and Germany.
- The calculation is based in US dollars and India has extended its lead in the first quarter.
- By contrast, the Indian economy is forecast to grow more than 7% in 2022-23.

FIRST HOMOEOPATHY INTERNATIONAL HEALTH SUMMIT HELD IN DUBAI

- The first edition of "World Health Summit for Pride of Homoeopathy" was held in Dubai with the theme "Diseases caused by climate change and global warming".
- Aim: To educate and promote a homoeopathic system of medicine, drugs, and practices.
- The summit was organised by Burnett Homoeopathy Pvt Ltd
- Burnett Homoeopathy Pvt Limited deals with homoeopathic dilutions, mother tincture, lower trituration tablets and various other homoeopathic medicines.

SIX MOUS SIGNED BETWEEN INDIA, AUSTRALIA AT BENGALURU SPACE EXPO

- Australia and India have signed six space industry MoU at the Bengaluru Space Expo (BSX) 2022.

- HEX20 - Skyroot Aerospace: For launch services, spacecraft avionics and components for Australian space initiatives.
- QL Space - Skyroot Aerospace: To develop launch facilities in Australia and support joint mineral exploration missions in space
- QL Space - GalaxEye: To develop a hybrid optic and radar payload
- QL Space - SatSure: To build satellite and AI-based solutions

IRELAND'S DATA PROTECTION COMMISSION FINES USD 402 MILLION ON INSTAGRAM

- Data Protection Commission (DPC) of Ireland has imposed fine on Instagram of USD 402 million (405 million euro) for breaching regulations on the handling of children's data.
- The DPC has launched an investigation in late 2020.
- Reason: How the Instagram platform handles children's personal data.
- Findings: The platform had operated a user registration system whereby the accounts of 13-17-year-old users were set to "public" by default.

INDIA INVITES BANGLADESH AS GUEST COUNTRY DURING ITS G-20 PRESIDENCY

- The government of India has decided to invite Bangladesh, Egypt, Mauritius, Netherlands, Nigeria, Oman, Singapore, Spain and UAE as Guest Countries to take part in the G 20 meeting during its Presidency.

- International Organisations: UN, IMF, World Bank, WHO, WTO, ILO, FSB and OECD and AU, AUDA-NEPAD and ASEAN, ISA, CDRI and ADB.
- This is a part of the G20 tradition of inviting some Guest Countries and International Organisations (IO) to its meetings and summit.

PM MODI ON A TWO-DAY VISIT TO UZBEKISTAN TO ATTEND SCO SUMMIT

- PM Narendra Modi is on two-day visit to Samarkand in Uzbekistan from September 15 to attend the Shanghai Cooperation Organization (SCO) Summit.
- Mr. Modi has received an invitation from Uzbekistan President Shavkat Mirziyoyev.
- Agenda: To review the grouping's activities over the past two decades and discuss the prospects of multilateral cooperation.
- The SCO is an inter-governmental organisation founded in Shanghai in June 2001

ANDAMAN AND NICOBAR ISLANDS BECOME INDIA'S FIRST SWACHH SUJAL PRADESH

- Jal Shakti Minister, Gajendra Singh Shekhawat has declared Andaman and Nicobar Islands as India's first Swachh Sujal Pradesh.
- He handed over the certificate to A&N's LG Admiral DK Joshi.
- All the villages of Andaman and Nicobar Island have been certified as Har Ghar Jal and verified as open defecation free - ODF plus.

AUGUST 2022**ZIMBABWE LAUNCHES GOLD COINS TO CONTROL INFLATION**

- Zimbabwe has launched gold coins named 'Mosi-oa-Tunya' to control an inflation spike that has eroded the country's unstable currency.
- The move was announced by the Reserve Bank of Zimbabwe (central bank), which has disbursed 2,000 coins to commercial banks.
- Coins have been given the status of liquid asset, which can be easily converted into cash.
- Coins can be used by Individuals or companies.
- They can purchase coins from banks and other authorised outlets.

LATVIA AND ESTONIA WITHDRAW FROM COOPERATION GROUP

- Latvia and Estonia have withdrawn from a cooperation group amid the Western criticism of China over escalating military pressure on Taiwan.
- Reason: Both countries will continue to work towards constructive and pragmatic relations with China.
- Bulgaria, Croatia, the Czech Republic, Greece, Hungary, Poland,

Romania, Slovakia, and Slovenia are among the countries that remain in the cooperation format.

INDIA AND MALDIVES SIGN SIX AGREEMENTS TO STRENGTHEN TIES IN KEY AREAS

- During the four-day visit of Maldives president, Ibrahim Solih, India has inked six agreements to expand cooperation in several key areas.
- Six agreements were exchanged in areas including cyber security, disaster management, and infrastructure.
- PM Modi has also announced a Line of Credit of USD 100 million to Maldives for the completion of development projects on time.
- Both leaders have also embrace the launch of the Greater Male Connectivity Project funded by India.

CABINET APPROVES INDIA-AUSTRALIA PACT TO PROMOTE CO-PRODUCTION OF FILMS

- The Union Cabinet has approved the signing of an audio-visual (AV) co-production treaty between India and Australia to promote the co-production of films.
- Under this umbrella agreements, private, quasi-government or governmental agencies enter contracts to produce films together.
- So far, India has signed 15 audio-visual co-production treaties with foreign countries.
- Australia has emerged as a preferred destination for shooting of Indian films.

BRITISH GOVT OFFICIALLY DECLARES DROUGHT IN PARTS OF ENGLAND

- British govt has officially declared certain parts of southern, central, and eastern England as drought areas after a prolonged period of hot and dry weather.
- England suffered its driest July in 2022 since 1935, with only 35% of the average rainfall for the month, and parts of England and Wales are now in the middle of a 4-day extreme heat alert.
- All water companies have reassured essential supplies and are prepared than ever before for periods of dry weather.

WORLD'S HIGHEST RAILWAY BRIDGE 'GOLDEN JOINT' INAUGURATED

- The World's highest railway bridge 'Golden Joint' has been inaugurated in Reasi district of Jammu & Kashmir.
- The joints of bridge is connecting two ends of the deck of the world's highest railway bridge.

Chenab Bridge:

- This bridge is located in the Chenab river, will be 35 meters higher than the Eiffel Tower (after completion of project).
- Aim: It will provide direct connectivity to the Kashmir valley.
- The Design life of the bridge is at least 120 years.

JULY 2022**QS BEST STUDENT CITIES RANKING 2023 RELEASED**

- The London has emerged as the best city for students, according to the QS Best Student Cities Ranking 2023.
- Focus area of study: Affordable, student facilities, and university standard among other factors.
- Top four (2nd to 5th): Seoul, Munich, Zurich and Melbourne
- India's highest-ranked student city is Mumbai at 103 spot, followed by Bengaluru at 114 ranks.
- Chennai and Delhi have made their entries to the list this year at 125 and 129, respectively.

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Pvt. Ltd**INDIA WILL SURPASS CHINA AS WORLD'S MOST POPULOUS COUNTRY DURING 2023: UN**

- As per the 27th edition of the UN World Population Prospects 2022, India is projected to surpass China as the world's most populous country in 2023.
- With the 1,426 million population, China remains the most populous country in the world in 2022.
- India has been recorded 1,412 million population.
- The global population will reach 8 billion on November, 2022 that is three times of the population of 2.5 billion in 1950.
- By 2050, India's population will reach 1,668 million.

INDIA RANKS 87TH IN 2022 WORLD'S MOST POWERFUL PASSPORTS

- According to the 2022 Henley Passport Index from Henley & Partners (an immigration consultancy), India has been ranked 87th on the list of world's most powerful passports.
- Top 10: Japan, Singapore, South Korea, Germany, Spain, Finland, Italy, Luxemburg, Austria, Denmark
- India neighbouring countries: Bhutan (93rd), Myanmar (99th), Sri Lanka (103rd), Bangladesh (104th) and Pakistan (109th), China (69th)
- Worst passport in the world: Afghanistan, Iraq and Syria

IRAN LAUNCHES A SOLID-FUELED ROCKET INTO SPACE

- Iran has launched a solid-fueled rocket into space. Defense Ministry Spokesman Ahmad Hosseini said Zuljanah, a 25.5 meter-long rocket, is capable of carrying a satellite of 220 kilograms that will ultimately gather data in low-earth orbit and promote Iran's space industry.
- However, it drew a rebuke from Washington ahead of the expected resumption of stalled talks over Tehran's nuclear deal with world powers. The White House said it is aware of Iran's announcement and criticized the move as unhelpful and destabilizing. The White House said it is committed to using sanctions and other measures to prevent further advances in Iran's ballistic missile program.

UK, US, JAPAN AND CANADA TO BAN RUSSIA GOLD IMPORTS AMID UKRAINE WAR

- The UK, the United States, Japan and Canada will soon ban the new imports of gold from Russian, to tighten the sanctions squeeze on Moscow for its invasion of Ukraine.
- Countries will apply for newly mined or refined gold.
- This move will not affect previously exported Russian gold.
- Last year, the exports of Russian gold were worth 12.6 billion pounds.
- Recently, the London Bullion Market Association has suspended accreditation for 6 Russian precious metals refiners.

INDIA, THE UK SIGN MOU ON MUTUAL RECOGNITION OF ACADEMIC QUALIFICATION

- India and United Kingdom signed an agreement to provide student mobility and academic collaboration between higher education institutions (HEIs).
- Signed by: James Bowler, Permanent Secretary, Department of International Trade of United Kingdom (UK) and K Sanjay Murthy, Secretary (Higher Education), Ministry of Education, India.
- In May 2021, a comprehensive Roadmap to 2030 was adopted for an enhanced bilateral cooperation between the two countries.

500+ G.K. One Liner Questions



NATIONAL

- Recently, PM Modi inaugurated Smritivan in _____. *Gujarat*
- The Uttar Pradesh government has decided to develop which district as a perfume tourism destination? *Kannauj*
- Who got its second railway station after a gap of more than 119 years with the commissioning? *Nagaland*
- Which district has been declared as the best aspirational district in India? *Haridwar*
- The 50th All Shumang Leela Festival 2021-2022 kicked off in which state? *Manipur*
- Which state recently launched 'CM Udyman Khiladi Unnayan Yojana' on National Sports Day? *Uttarakhand*
- The largest religious monument in the world, the Temple of Vedic Planetarium in which state of India? *West Bengal*
- In which state / UTs Atal Innovation Mission (AIM) & NITI Aayog have announced the establishment of more than 500 Atal Tinkering Labs (ATLs)? *Jammu and Kashmir*
- Which state inaugurated a month-long Rajiv Gandhi Rural Olympic Games? *Rajasthan*
- Which state has launched the 'Rural Backyard Piggery Scheme'? *Meghalaya*
- India's first-ever "Night Sky Sanctuary" to be set up in _____. *Ladakh*
- _____ became first village in Uttar Pradesh to have RO water in every household. *Bhartaul*
- Which state government has launched an e-governance portal - "Samarth"? *Uttarakhand*
- The government of India has announced to change the name of Rajpath and Central Vista lawns into _____. *Kartavya Path*
- Which state has been sets up country's first Bio-Villages, recognized by an international group? *Tripura*
- Prime Minister Narendra Modi has announced a new initiative, the development and upgradation of _____ schools across the country under the Pradhan Mantri Schools For Rising India (PM-SHRI) Yojana. *14,500*
- According the NITI Aayog report titled 'Preserving Progress on Nutrition in India: Poshan Abhiyan in Pandemic Times', which state ranked first in larger states category in terms of the overall implementation of the Centre's flagship Poshan Abhiyaan? *Maharashtra*
- _____ ranks at the top in the number of disposal and entry of cases through the e-Prosecution portal managed by the Union government under its Digital India Mission. *Uttar Pradesh*
- On the occasion of Teachers Day, President Droupadi Murmu has honoured _____ selected teachers from across the country with National Awards at Vigyan Bhawan New Delhi. *45*
- _____ and two cities from Kerala have joined the UNESCO Global Network of Learning Cities (GNLC) in recognition of their outstanding efforts to make lifelong learning a reality for all at the local level. *Warangal*
- Which state has launched the 'Pudhumai Penn' (modern woman) scheme for the state's girl students? *Tamil Nadu*
- Prime Minister Narendra Modi has inaugurated the Centre-State Science Conclave via video conferencing in which city? *Ahmedabad*
- _____ state Prison Department has launched Prison Staff Attendance App mobile application? *Nagaland*
- Which state government has launched a rainwater harvesting scheme named CHHATA? *Odisha*

- Which state has announced first-ever 'Cinematic Tourism Policy'? **Gujarat**
- Which state will host Ranji trophy matches for the first time in December 2022? **Sikkim**
- Recently, Prime Minister Narendra Modi Inaugurated the World Dairy Summit 2022 in Greater Noida, what is the theme of the summit? **Dairy for nutrition and livelihood**
- National Parks was selected to reintroduce Cheetahs in India? **Kuno National Park**
- India's 1st lithium-ion cell factory has been inaugurated in _____. **Andhra Pradesh**
- _____ state launched 'CM Da Haisi' web portal to address public grievances? **Manipur**
- India's first state/UT to achieve 100 per cent coverage of precautionary dose? **Andaman & Nicobar Island**
- _____ state has decided to introduce a 'no-bag day' in schools? **Bihar**
- _____ state government has given in-principal nod to a proposal to set up an institution on the lines of NITI Aayog to make studied decisions on various sectors? **Maharashtra**
- Indian Army activated satellite broadband-based internet service on the world's highest battlefield, Siachen Glacier. The siachen glacier is located in which mountain range? **Karakoram**
- India & _____ coast guards display maritime ties during 'Abhyas' drill off Chennai. **US**
- Swimmer Elvis Ali Hazarika has become the first from the North-East to cross the North Channel. He is from which state? **Assam**
- Indian state performed first successful full-arm transplant? **Kerala**
- Which state has notified the country's first 'Dugong Conservation Reserve' in Palk Bay? **Tamil Nadu**
- The government is investing how much amount to ensure last-mile network accessibility for 4G and 5G in every village across the country? **\$30 billion**
- Which state government has decided to launch a campaign on women's safety titled 'Hamar Beti Hamar Maan' (our daughter, our honour)? **Chhattisgarh**
- The Government's flagship programme 'Make in India' completed _____ years on 25th September 2022. **8**
- The Ministry of Environment, Forest and Climate Change will launch the 'Swachh Vayu Sarvekshan' programme to rank cities based on their actions to improve air quality. It will rank how many cities in the country. **131**
- Chandigarh airport will be renamed after _____ as a tribute to the great freedom fighter. **Bhagat Singh**
- The Bathukamma festival is associated with which state/UT of India? **Telangana**
- Hitachi Astemo has installed its India's first solar power plant in which state? **Maharashtra**
- In West Bengal, the state government is creating 7 new districts. What will be the total number of districts in the state now? **30**
- Which state has recently topped in holding Assembly sittings in 2021? **Kerala**
- Which Union Minister has inaugurated a conference on drug trafficking and national security? **Amit Shah**
- Which smart city is the first in India to get Google's environmental insights data? **Aurangabad smart city**
- Union Culture Ministry G Kishan Reddy organises Tiranga bike rally from _____. **Red Fort**
- Which state/UTs has inaugurated a project of the Women and Child Development department to provide milk and eggs to children at all Anganwadis in the state? **Kerala**
- In which state Nitin Gadkari has inaugurated and laid the foundation stone of 6 National Highway projects of 119 km worth Rs 2300 crore? **Madhya Pradesh**
- Which state has recently inked an MoU with Deloitte India to achieve the target of \$1 trillion economy? **Uttar Pradesh**
- Which state topped in the Utilisation of Agriculture Infrastructure funds in FY 2021-2022? **Andhra Pradesh**
- Which state has decided to develop one Sanskrit-speaking village in each of the 13 districts in the state? **Uttarakhand**
- Which state government has launched the 'Chief Minister Equal Education Relief, Assistance and Grant' (Cheerag) scheme for EWS Students? **Haryana**

- Which companies has launched the 'India Ki Udaan' project to mark 75 years of Independence? **Google**
- Which of the following state governments has launched the 'Panchamrut Yojana' scheme with an aim to double farmers income? **Uttar Pradesh**
- Where was the 2022 International Telecommunication Union (ITU) Regional Standardization Forum (RSF) for Asia and Oceania region held? **New Delhi**
- Narendra Modi will dedicate to the nation via video conferencing a second generation (2G) ethanol plant in _____. **Haryana**
- As on 14th August 2022, how many wetlands from India are declared as Ramsar sites during the year 2022? **28**
- To improve the security of passengers, the Indian Railway along with the Railway Protection Force (RPF), have launched a pan-India operation known as? **Operation Yatri Suraksha**
- Prime Minister Narendra Modi is leading the celebrations from Red Fort in New Delhi and is addressing the nation from Red Fort in New Delhi. This is his _____ address as the prime minister. **9**
- Delhi Chief Minister Arvind Kejriwal has launched the 'Make India No. 1' mission to make India the number one country in the world. How many vision points of this initiative? **5**
- Global Liveability Index is released by _____. **Economist Intelligence Unit**
- PM Narendra Modi sets 'Panch Pran' target for next _____. **25 yrs**
- The recently launched "Manthan" Platform is associated with _____. **Better industry and R&D collaboration**
- Which state government has launched the 'Vidya Rath -School on Wheels' project to provide elementary education to underprivileged children? **Assam**
- Recently, Government granted GI Tag status to Bihar's Mithila Makhana, once granted the tag is valid for a period of _____. **10 years.**
- Mandla district has become the first fully "functionally literate" district in the country. Mandla is the district of which state? **Madhya Pradesh**
- In which city, the 17th Pravasi Bhartiya Divas will be held in January 2023? **Indore**
- Punjab and Haryana governments have agreed to name the Chandigarh International Airport in Mohali after _____. **Shaheed Bhagat Singh**
- Which state has become the first state in the country to distribute Seed to Farmers via Blockchain Tech? **Jharkhand**
- Chief Minister Yogi Adityanath approved the proposal of the Uttar Pradesh Tourism Department to start the country's first night safari in the capital _____. **Lucknow**
- Prime Minister Narendra Modi has inaugurated Homi Bhabha Cancer Hospital and Research Centre at which city? **Mohali**
- Which state government will set up 300 rural industrial parks in the state to boost and strengthen the village economy? **Chhattisgarh**
- Which state is planning to build an education township in the state? **Uttar Pradesh**
- According to the government of India, transgenders will be brought under the which schemes recently? **Ayushman Bharat Pradhan Mantri Jan Arogya Yojana**
- Which Indian state-based public transport services has been honored with a prestigious UN Public Service Award 2022? **Mo Bus, Odisha**
- During which festival in Goa, people wear crowns of fresh fruit and wildflowers, traditionally called 'Kopel' to celebrate the occasion? **Sao Joao**
- Recently Union Minister Nitin Gadkari has approved Draft GSR Notification to introduce Bharat NCAP. What does 'A' stand for in NCAP? **Assessment**
- Where was a Honey Testing Laboratory launched by Union Minister for Agriculture and Farmers Welfare Narendra Singh Tomar recently? **Nagaland**
- S.M. Krishna was one among the chosen recipients of the first edition of 'Kempegowda International Award' given by Karnataka state government. He is a _____. **Former Chief Minister of the state**
- Which state has issued orders regarding the implementation of a medical insurance "MEDISEP" scheme for government employees and pensioners? **Kerala**
- Who has launched the report 'India's Booming Gig and Platform Economy' on gig economy in India? **NITI Aayog**
- According to the 'Gold refining and recycling' report, India emerged as the _____ largest gold recycler in the world by recycling 75 tonnes in 2021. **4th**

INTERNATIONAL

- Which country has once again shattered its own record for the world's lowest fertility rate?

South Korea

- Which governing body has announced to launch its new centralized portal called 'e-Samadhan'?

Central Board of Secondary Education

- Nagesh Singh has been appointed as India's next ambassador to which country?

Thailand

- Colin de Grandhomme has announced his retirement from international cricket. He hails from which country ?

New Zealand

- The first edition of the "World Health Summit for Pride of Homoeopathic held in which city?

Dubai

- India & _____ Conducts Counter Ransomware Exercise for 26 Nations.

UK

- An Oscar-winning actress Louise Fletcher passed away recently at the age of 88 in France. She is from which country?

USA

- India will get its first flex-fuel car imported from which country?

Brazil

- What is the rank of India in the Global Innovation Index of the World Intellectual Property Organization?

40th

- Which country topped the Global Innovation Index of the World Intellectual Property Organization?

Switzerland

- Which country has granted citizenship to former US security contractor Edward Snowden?

Russia

- Union Education and Skill Development and Entrepreneurship Minister Shri Dharmendra Pradhan inaugurated and addressed the _____ FICCI Global Skills Summit 2022.

13th

- Mohammed bin Salman has been appointed as the Prime Minister of which country in September 2022?

Saudi Arabia

- Which country has launched gold coins to tackle the soaring inflation?

Zimbabwe

- Which country is hosting the 65th CPA in August 2022?

Canada

- Which company has partnered with UNESCO (the United Nations Educational, Scientific and Cultural Organization) to promote and safeguard the 'Intangible Cultural Heritage of India'?

Royal Enfield

- Which company has announced a campaign to upskill cyber security researchers and developers in India?

Google

- Which country has once again shattered its own record for the world's lowest fertility rate?

South Korea

- Colonel Abdoulaye Maiga, has been appointed as interim Prime Minister of which country by the military?

Mali

- Fahmida Azim, who has been selected for 2022 Pulitzer Prize in Illustrated Reporting and Commentary category, belongs to which of the following country?

Bangladesh

- Name the firm with the Indian Space Research Organisation (ISRO) announced its partnership to develop a map portal?

MapMyIndia

- India and which country has decided to set up a task force to prepare a five-year roadmap to boost bilateral defence cooperation?

Tanzania

- Which country has become the seventh country in the world to launch a mission to the Moon?

South Korea

- Which country president proposed that the top commission should include Pope Francis, the UN Secretary-General, Antonio Guterres, and Indian PM Narendra Modi?

Mexico

- Which country museum has signed an agreement with the Indian government to repatriate seven stolen artefacts to India?

Scotland

- Which country is hosting the 65th Commonwealth Parliamentary Conference (CPA)?

Canada

- Which European country has announced that it has exited the European Union's 'enhanced surveillance' framework in August 2022?

Greece

- Which country has launched new batch of 3 Yagon-35 remote sensing satellites recently?

China

- Thiomargarita magnifica, in news recently, _____ is world's biggest _____ found in Caribbean mangrove swamp.

Bacterium

- In Ookla Speedtest Global Index, Norway and Singapore have topped. What is the rank of India in this index?

115

- Union Communications Minister Ashwini Vaishnaw inaugurated the India pavilion at the technology exhibition Vivatech 2020. This exhibition was held in which city? **Paris, France**
- Union Minister of Commerce and Industry, Piyush Goyal, inaugurated the 'Mango Festival' in which country? **Belgium**
- Oracle Cloud Infrastructure (OCI), based in _____, has launched 'OCI dedicated region' for the India market. **USA**
- 21st edition of the Transylvania International Film Festival has been held in which country? **Romania**
- Where was the 2022 NATO Madrid Summit held? **Madrid, Spain**
- United Nations-Habitat's World Cities Report 2022 says India's urban population is estimated to stand at _____ in 2035. **675 million**
- Which country's All-Party Parliamentary Group on Indian Traditional Sciences conferred the Ayurveda Ratna award on Tanuja Nesari recently? **UK**
- Which country recently honoured the royal families of India for providing shelter to its refugees who had fled the country during World War II? **Poland**
- According to a United Nations report, India is projected to surpass China as the world's most populous country in which year? **2023**
- Recently, the CBI, which is India's nodal agency for Interpol matters, joined Interpol's international child sexual exploitation (ICSE) database making India the _____ country to connect to it. **68th**
- Which country has launched an 'Aviation Passenger Charter' to help passengers know their rights? **UK**
- Who becomes the world's fourth richest person on Forbes Real-Time Billionaires List? **Jeff Bezos**
- Which country topped the list of Henley Passport Index 2022? **Japan**
- Maharashtra signed MoUs with 23 Companies worth Rs 30,000 crores during World Economic Forum (WEF) annual conference held in which place? **Switzerland**
- Kishore Jayaraman, the President of Rolls-Royce India has been received an honorary Officer of which country? **Britain**
- Which country has becomes first country to make quarantine compulsory for monkeypox patients? **Belgium**
- In Sri Lanka, the government has amended the minimum age limit for women leaving for foreign employment as domestic aides to _____ of age. **21 years**
- India's overall skills proficiency has slipped four places to be ranked at the 68th position globally in Coursera's Global Skills Report (GSR) 2022. Which country has topped in this report? **Switzerland**
- What was the currency used in Samoa? **Tala**
- Recently seen in the news Cyclone Karim which has created a path in the open seas west of Australia was named by _____ **Seychelles**
- Recently Sachin Tendulkar will continue as UNICEF's 'Goodwill Ambassador' for a record _____ year, working for the welfare of underprivileged children. **20th**
- Recently Billie Jean King who received France's Legion of Honor in recognition of her contributions to women's sports, gender equality, and the rights of LGBTQ people in athletics hails from which of the following country? **America**
- _____ released a new comprehensive geologic map of the moon. **China**
- International Aluminium Institute (IAI) announced the appointment of Satish Pai as its new Chairman. Where is the HQ of the International Aluminum Institute? **London**
- India with _____ has launched Startup Bridge that will connect the startup ecosystems and help the economies of both countries flourish. **Qatar**
- In which country the Headquarters of World Economic Forum is there? **Switzerland**
- According to the United Nations Global Land Outlook report, which country is among 23 drought-hit countries? **Pakistan**
- Which country has successful tested a hypersonic weapon, flew at five times the speed of sound? **United States of America**
- NASDAQ stock exchange headquarters is located in _____ **New York**

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BANKING & FINANCE

- Recently, Ananth Narayan Gopalakrishnan was appointed as the fourth whole-time member of _____. **SEBI**
- Which bank has partnered with Tata Neu to launch two new credit cards? **HDFC Bank**
- According to Bloomberg Billionaires Index, Gautam Adani has become the 3rd Richest Person in World. What is the total net worth of Adani? **USD 137.4 billion**
- According to the recent newspaper report, which is working on a new "fraud registry", a reporting mechanism to blacklist scammers? **Reserve Bank of India**
- As per a recent report by Benori Knowledge, India ranks _____ in the global life insurance market. **10**
- Which bank has partnered with NPCI to launch RuPay credit cards? **ICICI Bank**
- The Competition Commission of India has approved the acquisition of Billdesk by which of the following companies for \$4.7 billion in September 2022? **PayU**
- According to the 28th edition of the Status Report on India's External Debt 2021-22, the External debt as a ratio to Gross domestic product (GDP) is _____ as of March 2022. **19.9%**
- Which bank has introduced a new SMS banking facility for its customers recently? **HDFC Bank**
- Which bank have been selected by RBI for the 'test phase' of the 'On Tap' application facility? **HDFC Bank**
- Tamilnad Mercantile Bank (TMB) Ltd has announced the appointment of _____ as the Managing Director and CEO. **Krishnan Sankarasubramaniam**
- Which bank has partnered with ADB to support supply chain financing? **IndusInd Bank**
- According to RBI data, the all India house price index (HPI) rose by _____ year-on-year in the first quarter of 2022-23. **3.5%**
- According to which Indian bank, India would surpass Germany in 2027 and Japan by 2029 at the current rate of growth and become the world's 3rd largest economy? **State Bank of India**
- As part of the financial inclusion drive, public sector banks will open 300 branches in unbanked areas of various states by _____. **December 2022**
- Health sector in India to reach \$50 billion by _____. **2025**
- Which General Insurance has roped in Google Cloud to build an online platform for selling insurance? **HDFC ERGO General Insurance**
- Which bank becomes First PSB to Go Live On New Direct Tax Collection System TIN 2.0? **BOI**
- Commerce and Industry Minister Piyush Goyal has launched programme SETU in San Francisco, US. What does E stand for in SETU? **Entrepreneurs**
- PhonePe has tokenized _____ credit and debit cards on its platform in line with the Reserve Bank of India's (RBI) mandate for information security. **14 million**
- The United States issued how many student visas to Indians in 2022, according to the US embassy in India? **82,000**
- Bihar Chief Minister Nitish Kumar has inaugurated India's longest rubber dam 'Gayaji Dam' on which of the following river? **Falgu River**
- The government has set up a committee under who among the following to moderate gas prices in India in September 2022? **Kirit S Parikh**
- In September 2022, Bank of Maharashtra has raised _____ to fund business growth through the Basel III compliant Additional Tier 1 (AT1) bonds. **Rs. 710 Crore**
- Which bank has become the first bank in the country to issue an Electronic Bank Guarantee (e-BG) in partnership with National E-Governance Services Limited (NeSL)? **HDFC Bank**
- India's retail inflation rate reversed its three-month downward trend in August, rising to _____. **7 per cent**
- What is the wholesale price index (WPI) based inflation rate for August? **12.41 per cent**
- Which Bank and Square Yards (an integrated real estate platform) has announced the launch of 'Open Doors', a co-branded home buyer ecosystem? **Axis Bank**

- Which company appoints former RBI deputy governor BP Kanungo and Zomato chairman Kaushik Dutta to board? **BharatPe**
- Senior Advocate Mukul Rohatgi is slated to be appointed as the _____ Attorney General for India after KK Venugopal. **14th**
- Which life insurance has launched a term insurance plan Click2Protect Super? **HDFC Life Insurance**
- Which social media platforms has partnered with India Post Payments Bank to drive financial inclusion in remote cities in September 2022? **Koo**
- MeitY Startup Hub in collaboration with which of the following companies will launch a programme to support and accelerate XR technology startups across India in September 2022? **Meta**
- Was ranked 63rd on the Best Workplaces in Asia 2022 and becomes the only bank in India to be listed by Great Place to Work? **Federal Bank**
- What is the rank of India in the Global Crypto Adoption index 2022? **4th**
- Which Doordarshan series has been launched by US Agency for International Development (USAID) and UNICEF? **Door Se Namaste**
- The gross direct tax collections has registered a growth of how much percent in the current financial year in comparison to 2021-22? **30 percent**
- Foreign Trade Policy 2015-20 has been extended for a further period of how many months? **6**
- Recently, RBI removes which bank from Prompt Corrective Action (PCA) framework on complying with parameters? **Central Bank of India**
- Asian Development Bank (ADB) has pared its 2022-23 growth projection for India's economy to _____. **7%**
- The Defence Ministry has signed an MoU with which of the following bank under the SPARSH (System for Pension Administration)? **Bank of Baroda and HDFC Bank**
- Which district has achieved 100 percent digitization of banking operations? **Leh**
- Who has become the first Indian life insurer to have 74% foreign shareholding? **Ageas Federal Life Insurance Co. Ltd.**
- Rating agency ICRA has maintained its forecast of how much percent growth in India's GDP for the financial year FY23? **7.2%**
- Which payments banks has started rolling out 1.5 lakh micro ATMs in a phased manner across tier 2 cities and semi-urban regions to facilitate cash withdrawal for its customers? **Airtel Payments Bank**
- Which will devote at least \$14 billion through 2025 to help ease a worsening food crisis in the Asia-Pacific? **Asian Development Bank**
- Which banks has tied up with the Petersburg Social Commercial Bank (PSCB) of Russia as India seeks to step up trade with the sanctioned nation? **Yes Bank**
- RBI has set the deadline for card tokenization to _____. **1 October 2022**
- Which has allowed invoicing and payments for international trade in Indian Rupee in August 2022? **RBI**
- Ministry of Commerce & Industry, the number of startups in India as recognised by the Department for Promotion of Industry and Internal Trade (DPIIT) has crossed a landmark milestone of _____. **75,000**
- The Financial Inclusion Index (FI-Index) of RBI in March 2022 was recorded at _____. **56.4**
- How much amount of GST has been collected by the government for July 2022? **1,48,995 crore**
- Which telecom providers acquired the spectrum in the 700MHz, 800MHz, 1800MHz, 3300MHz and 26GHz bands in the auctions conducted by the Department of Telecommunication in August 2022? **Jio**
- The SVC Co-operative Bank (SVC Bank) has entered into an agreement with which to improve the flow of credit to the MSMEs in August 2022? **SIDBI**
- Which country has become the seventh country in the world to launch a mission to the Moon? **South Korea**
- Which country president proposed that the top commission should include Pope Francis, the UN Secretary-General, Antonio Guterres, and Indian PM Narendra Modi? **Mexico**

NEW APPOINTMENT

- Who has been inaugurated the 8th India International MSME Start-up Expo & Summit at New Delhi?

Manoj Sinha

- Who took over as interim President of Indian Olympic Association recently?

Adille Sumariwalla

- Indian Skipper, _____ overtook New Zealand's Martin Guptill to become the leading run-scorer in men's T20 Internationals.

Rohit Sharma

- Who has been appointed as its first brand ambassador DreamSetGo?

Sourav Ganguly

- Who has been scripted history as he became the first Indian to clinch a Lausanne Diamond League?

Neeraj Chopra

- Who took over as interim President of Indian Olympic Association recently?

Adille Sumariwalla

- Who has been elected as the International Treasurer of the Parliamentary Association Conference (CPA) at the 65th Commonwealth Parliamentary Association Conference?

Anurag Sharma

- Mercedes-Benz India appoints _____ as MD & CEO from January 2023.

Santosh Iyer

- Kiccha Sudeep has been appointed as brand ambassador of Punyakoti Dattu Yojana. Punyakoti Dattu is a Scheme of which state?

Karnataka

- Who has been appointed as new CEO Sansad TV?

Utpal Kumar Singh

- Starbucks has appointed its new Indian-origin Chief Executive Officer _____.

Laxman Narasimhan

- Who has elected as new president of the All India Football Federation?

Kalyan Chaubey

- Who has been appointed as Chairman and Managing Director (CMD) of NHPC?

Yamuna Kumar Chaubey

- Who has been appointed as new chairman and managing director of Shipping Corporation of India Ltd (SCI)?

Binesh Kumar Tyagi

- Mahanagar Gas Limited (MGL), has appointed _____ as the company's new chairman.

Mahesh Vishwanathan Iyer

- Who has been appointed as the new United Kingdom Home Secretary?

Suella Braverman

- Who has been appointed as the CEO of IndiGo Airline in September 2022?

Pieter Elbers

- Who has been appointed as India's next high commissioner to Canada?

Sanjay Kumar Verma

- Who has inaugurated NALSA's Centre for Citizen Services at Jaisalmer house in New Delhi?

Justice Uday Umesh Lalit

- Who has been recently appointed as the SAFEMA Appellate Tribunal chief?

Munishwar Nath Bhandari

- Who is the new Chief of United Nations Human Rights?

Volker Türk

- According to Forbes real-time billionaires list, who is the Asia's richest man with a net worth of USD 129.16 billion?

Gautam Adani

- American Express Banking Corp India has appointed _____ as its chief executive officer (CEO) and country manager.

Sanjay Khanna

- Britain's King Charles has bestowed the titles of Prince and Princess of _____ on his eldest son William and daughter-in-law Kate.

Wales

- Which city will create history by implementing a fully digital addressing system, making it the first city in India?

Indore

- The Principal Accountant General office in which city has begun 'Pension at your doorstep' initiative?

Mumbai

- The Kibithu Military Garrison in Arunachal Pradesh has been renamed as _____.

General Bipin Rawat

Military Garrison

- In which city the National Defense MSME Conference and Exhibition has been organized?

Kota

- World's largest museum of Harappan culture to be set up in which of the followings state of India?

Haryana

- Launched a countrywide mega drive 'Raktdaan Amrit Mahotsav' for voluntary blood donation?

Mansukh Mandaviya

- Joao Lourenco was sworn in for a second term as president of which country?

Angola

- The Public Enterprises Selection Board (PESB) has selected who among the following as the next Managing Director (MD) of NLC India Limited?

Prasanna Kumar Motupalli

- Pralay Mondal has been appointed as CEO of _____. **CSB Bank**
- University has signed an MoU with the Indian Navy to establish a long-term symbiotic relationship for Academic Cooperation? **Amity University**
- Who has inaugurated Ramakrishna Mission's 'Awakening ' programme for students of classes 1 to 5? **Dharmendra Pradhan**
- Which country hosts the SCO summit of 2022? **Uzbekistan**
- Union Minister _____ to lead delegation to US for Global Clean Energy Action Forum. **Jitendra Singh**
- _____ inaugurated "We Care", a Delhi Police Community policing initiative? **VK Saxena**
- _____ appointed as the Director General of the National Centre for Good Governance (NCGG) in September 2022? **Bharat Lal**
- 10th IBSA Trilateral Ministerial Commission meeting held in _____. **New York**
- SC appoints former judge Justice _____ for amending constitution of Indian Olympic Association and preparing electoral college. **L Nageswara Rao**
- Who has been appointed as the Director of All India Institute of Medical Sciences (AIIMS) Delhi? **Dr. M Srinivas**
- Who has been appointed as Director General of the Indian Council of Medical Research (ICMR)? **Dr. Rajiv Bahl**
- Who has launched Virtual Conference 'SymphoNE' to boost Tourism Sector in North East India? **G Kishan Reddy**
- Who has been appointed as the Chairman & Managing Director of RailTel? **Sanjai Kumar**
- Who has been appointed the director general of the Employees' State Insurance Corporation? **Rajendra Kumar**
- Who has been appointed as the Attorney General of India for a term of three years? **R Venkataramani**
- Who among the following has topped the IIFL Wealth Hurun India 40 & Under Self-Made Rich List 2022? **Nikhil Kamath**
- Who was the only Indian named in Time's 100 Emerging Leaders' List released in September 2022? **Akash Ambani**
- Who has been appointed as Independent Director of Stashfin? **Vijay Jasuja**
- Who replaces China's Yang Huiyan to become Asia's Richest Woman? **Savitri Jindal**
- Government of India has formed a task force to look into the situation of monkeypox in the country. Who is the head of this task force? **Vinod Kumar Paul**
- Who has been appointed as the World Bank's Country Director for India? **Auguste Tano Kouame**
- Satyendra Prakash has been appointed as the Principal Director General of the Press Information Bureau. The Press Information Bureau was established in which year? **1919**
- Who has been appointed as the new Director General of Indo-Tibetan Border Police (ITBP) in place of Sanjay Arora? **Sujoy Lal Thaosan**
- Who is the new Central Vigilance Commissioner (CVC) of India? **Suresh N. Patel**
- Senior-most judge of the Supreme Court Justice _____, who is in line to become the next Chief Justice of India (CJ). **U U Lalit**
- Who has been appointed as director of the Prime Minister's Office (PMO)? **Shweta Singh**
- For March 2022, what is the Digital Payments Index (DPI) as announced by RBI? **349.30**
- What is the current Repo Rate after the RBI's MPC committee held the meeting on August 05, 2022? **5.40%**
- What is the projected Real GDP rate for India as per RBI for fiscal 2022-2023? **7.2%**
- The Uttar Pradesh government has appointed which organization as its consultant for achieving USD 1 trillion state economy? **Deloitte**
- Recently RBI cancelled the license of Rupee Co-operative Bank Ltd. Where is the headquarter of the bank located? **Pune**
- Reserve Bank of India (RBI) has imposed a fine of Rs 32 lakh on which bank for breach of directions on classification & reporting of frauds? **State Bank of India**
- What is the estimated GDP growth rate of India in FY23 as per Morgan Stanley? **7%**
- Which bank will manage the Indian Visa Application Centre (IVAC) in Bangladesh for two more years? **SBI**

OBITUARIES

- Abhijit Sen passed away recently. He was what? *Economist*
- B. Sheik Ali passed away recently. He was a famous _____. *Historian*
- TV Sankaranarayan has passed away recently. He was a famous _____. *Musician*
- Birju Sah has passed away recently. He was associated with which sport? *Boxing*
- Which country passed a law allowing itself to carry out a preventive nuclear strike? *North Korea*
- Name the Former Pakistan umpire, who passed away recently. *Asad Rauf*
- Valery Vladimirovich Polyakov passed away at the age of 80, who was he? *Russian Cosmonaut*
- Fidel Valdez Ramos, who has passed away recently, was the former President of which country? *Philippines*
- Nirmala Mishra has passed away recently. As a profession she was? *Singer*
- K. Maya Thevar, who has passed away recently was the former and first MP of which political party? *AIADMK*
- K. Maya Thevar, who has passed away recently was the former and first MP of which political party? *AIADMK*
- Uma Pemmaraju passed away recently. She was a famous _____. *Journalist*

- Amitabh Chaudhary passed away recently at 58. He was the former president of which cricket association? *Jharkhand State Cricket Association*
- Syed Sibtey Razi has passed away recently. He was the former governor of which state? *Jharkhand*
- First tribal novelist and short story writer Narayan has passed away at the age of 82. He was the first novelist of which state? *Kerala*
- Samar 'Badru' Banerjee has passed away recently. He was associated with which sport? *Football*
- Abdul Gaffar Nadiadwala passed away recently. He was a famous _____. *Film Maker*
- Name the "Father of Indian PSUs", who passed away recently. *Dr V Krishnamurthy*
- Peter Brook, one of the world's most innovative ____ passed away recently. *Theatre director*
- Former India international _____, who played as a goalkeeper for India in the 1970s, died in Mapusa, Goa. *EN Sudhir*
- Veteran Bengali film director Tarun Majumdar passed away. In which year did he receive the Padma Shri Award? *1990*
- Former Prime Minister of Japan Shinzo Abe passed away. In which year did he receive the Padma Vibhushan Award? *2021*
- Gopinath Nair, who has passed away recently. He was a famous _____. *Freedom Fighter*
- Who has been acknowledged as the father of the Indian Internet, passed away recently? *Brijendra K Syngal*
- Monty Norman, who passed away recently was a famous _____. *Music Composer*
- Name the renowned archaeologist, who passed away recently. *Padmashree Enamul Haque*
- Former President Jose Eduardo dos Santos has passed away. He belongs to which country? *Angola*
- Achuthan Kudallur, who has passed away, was a renowned _____. *Artist*
- Nirmal Singh Kahlon, who passed away recently was a politician from which state/ UT? *Punjab*
- Shivaji Patnaik has passed away, he belongs to which among the following field? *Politician*
- R Raveendran, who passed away recently, is a well-known? *Photojournalist*
- Santoor legend Pandit Bhajan Sopori who passed away hailed from which of the following state? *Jammu & Kashmir*
- Anjalai Ponnusamy passed away at the age of 102 in Malaysia. She was associated with which of the following organization? *Indian National Army*
- Prafulla Kar who has passed away recently was a noted singer and music director specialised in which language? *Odia*
- John Paul passed away recently. He was a famous Screenwriter and producer in which language? *Malayalam*
- Recently, Mwai Kibaki passed away at the age of 90. He was the former President of which country? *Kenya*

AWARDS

- Legendary writer Binapani Mohanty passed away recently. Which language writer was she? **Odia**
- Padma Shri Rajat Kumar Kar passed away. He was an eminent writer in which language? **Odia**
- Dr Rama Kant Shukla Passed Away. He was an eminent scholar in which language? **Sanskrit**
- Andrew Symonds passed away. He belong to which? **Cricketer**
- Abu Dhabi Sheikh Khalifa bin Zayed Al Nahyan passed away. He was the president of which country? **UAE**
- Hemananda Biswal, who has passed away recently, was the former Chief Minister of which state? **Odisha**
- Salim Ghose passed away recently. He was a/an _____. **Actor**
- Cricketer Sonny Ramadhin who passed away recently represented which cricket playing nation? **West Indies**
- What was the profession of Jaiprakash Chouksey, who has passed away recently? **Film critic**
- Rafiq Tarar who has passed away, was the former President of which country? **Pakistan**
- Rupiah Banda, who has passed away recently, was the former President of which country? **Zambia**
- Scott Hall, who has passed away, was a legendary _____. **Wrestler**
- Late Soumeilou Boubeye Maiga was the former Prime Minister of which country? **Mali**
- Shahabuddin Ahmed who passed away recently was former president of which country? **Bangladesh**

- Who has rewarded for outstanding seasons by winning the UEFA men's player of the year prizes? **Karim Benzema**
- Who has rewarded for outstanding seasons by winning the UEFA women's player of the year prizes? **Alexia Putellas**
- Who has won the "Best Actress" in popular awards category at the 67th Filmfare Awards 2022? **Kriti Sanon**
- Who has won the "Filmfare Lifetime Achievement Award 2022"? **Subhash Ghai**
- Who has won the prestigious title of Miss Diva Supranational 2022? **Pragnya Ayyagari**
- Who won the "Best Actor" in popular awards category at the 67th Filmfare Awards 2022? **Ranveer Singh**
- Which film won the "Best Film" in critics awards category at the 67th Filmfare Awards 2022? **Sardar Udham**
- Who has won the prestigious title of Miss Diva Supranational 2022? **Pragnya Ayyagari**
- Who has won the prestigious title of Miss Diva Universe 2022? **Divita Rai**
- Which film won the "Best Film" in popular awards category at the 67th Filmfare Awards 2022? **Shershaah**
- Who was awarded with the annual Sahitya Puraskar of the Loknayak Foundation (18th Loknayak Foundation Award)? **Tanikella Bharani**

- Who won the Emmy Award for his narration in the Netflix documentary "Our Great National Parks"? **Barrack Obama**
- Who won the 2022 Ramon Magsaysay award in September 2022? **Bernadette J. Madrid**
- Recently, the Smart Solutions Challenge & Inclusive Cities Awards 2022 was presented, the awards is an initiative of _____ and _____.
National Institute of Urban Affairs and the United Nations in India
- Oscar-winning music icon, _____ recently had the honour of getting Canada's Markham city's street named after him. **AR Rahman**
- Who has been conferred Singapore's prestigious military award, the Pingat Jasa Gemilang (Tentera) or Meritorious Service Medal (Military) (MSM(M))? **Admiral Sunil Lanba**
- Which has won the "Outstanding drama series" award in the 74th Emmy Awards 2022? **Succession**
- Who has won the "Outstanding lead actress in a comedy series" award in the 74th Emmy Awards 2022? **Jean Smart**
- _____ the India official entry for the 95th Academy Awards or Oscar awards? **Chhello Show**
- Indian American from Virginia, _____ has crowned Miss India USA in 2022 in New Jersey. **Aarya Walvekar**
- Who was honoured with the 'dPal rNgam Duston' award, the highest civilian honour of Ladakh? **Dalai Lama**

- Bajrang Punia, who won the gold medal for India in the Commonwealth Games 2022, is associated with which of the following sports? **Wrestler**
- Who among the following set to be conferred with France's highest civilian award Chevalier de la Legion d'Honneur? **Shashi Tharoor**
- Karnataka Chief Minister, Basavaraj Bommai has announced that Kannada film star _____, who died last year, will be conferred with the 'Karnataka Ratna' award posthumously. **Puneeth Rajkumar**
- Which film bagged "Best Film award" at the Indian Film Festival of Melbourne (IFFM) 2022? **83**
- Which series bagged "Best Series" at the Indian Film Festival of Melbourne (IFFM) 2022? **Mumbai Diaries 26/11**
- Who has won the "Best Actor award" at the Indian Film Festival of Melbourne (IFFM) 2022? **Ranveer Singh**
- Who has won the "Best Actress award" at the Indian Film Festival of Melbourne (IFFM) 2022? **Shefali Shah**
- Who becomes the first South Asian to win the Lisbon Triennale Lifetime Achievement Award? **Marina Tabassum**
- President Droupadi Murmu has Recently _____ announced _____ Gallantry awards for Armed Forces and CAPF personnel. **107**
- The 2022 Liberty Medal by US Government will be awarded to who? **Volodymyr Zelenskyy**
- Name the novel that has not shortlisted in the International Booker Prize. **A Moon Walk**
- Fahmida Azim working for the Insider online magazine of the US has been selected for the Pulitzer Prize 2022. She is from which country? **Bangladesh**
- IG Drones has been awarded "Best Drone Organization - Start-up Category" by Airwards. IG Drones is based out of _____. **Delhi**
- Who has been named the 2021 recipient of the Golden Achievement Award by the International Tennis Hall of Fame and International Tennis Federation? **Vijay Amritraj**
- Which state government has bagged the second prize in National MSME Award 2022? **Bihar**
- Ashok Soota has been conferred with CII Quality Ratna Award 2021. He is the founder and Executive Chairman of which company? **Happiest Minds Technologies**
- Who has received the Shiromani Award at NRI World Summit 2022 in the United Kingdom for her contribution to the field of art? **Michelle Poonawalla**
- Name the author of the book 'Bhartiya Samvidhan: Ankahi Kahani'. **Ram Bahadur Rai**
- "Shabaash Mithu", a _____ starrer biopic on former India women's cricket team captain Mithali Raj. **Taapsee Pannu**
- Name the author of the book "Ashtang Yoga". **Sonu Phogat**
- The Book titled "Diagnostic Strategies for Covid19 and other Coronavirus" was honored Fift best book in the field of the medicine and medical science by Book Authority is edited by IIT BHU Professor named _____. **Pranjal Chandra**
- The award for the Best Record of the Year in 2022 Grammy has been bestowed on **Leave The Door Open**
- Preeti Shenoy's new novel, 'A Place Called Home,' would be published by which publication? **Harper Collins Publishers**
- Ms Anjali Pandey has bagged the CII EXCON Committed Leader Award 2022. She is the Vice President of which company? **Cummins India Ltd**
- Name the Indian musician who took home the 2022 Grammy Award for Best New Age Album? **Ricky Kej**
- Who is the winner of Chameli Devi Jain Award for an Outstanding Woman Mediaperson 2021? **Aarefa Johari**
- Name the recipient of the prestigious Saraswati Samman for the year 2021? **Prof Ramdarash Mishra**
- How many artists have been conferred with the Sangeet Natak Akademi Fellowship and Sangeet Natak Awards for the year 2018? **43**
- Name the Indian writer who has been conferred with the prestigious 2022 O. Henry Prize for short stories? **Amar Mitra**
- Name the winner of 57th Jnanpith Award 2022? **Damodar Mauzo**
- Which Indian PSU has won the Gold medal at 80th SKOCH Award in Development Social Responsibility category? **National Mineral Corporation (NMDC)**
- Who is the winner of the 56th Jnanpith award for 2021? **Nilmani Phookan**

BOOKS & AUTHORS

- "Free Fall: My Experiments with Living" is an upcoming self-help memoir of _____.
Mallika Sarabhai
- Name the author of the book 'India's Economy From Nehru To Modi: A Brief History'.
Pulapre Balakrishnan
- Who has authored the book "The Hero of Tiger Hill: Autobiography of a Param Vir"?
Yogendra Singh Yadav
- Name the author of the book "Indian Banking in Retrospect - 75 years of Independence".
Ashutosh Raravikar
- The book "Divorce and Democracy: A History of Personal Law in PostIndependence India" talks about family law, religion, and gender politics in India is written by _____.
Saumya Saxena
- Name the author of the book "Rajini's Mantras: Life lessons from India's most-loved Superstar".
P.C. Balasubramanian
- Who has launched the book 'Ambedkar and Modi - Reformer's Ideas Performer's Implementation'?
Ramnath Kovind
- Who has been conferred with France's top civilian honour 'Knight of the Legion of Honour'?
Swati Piramal
- Who released the book "Pandit Deendayal Upadhyay- Jeevan Darshan Aur Samsamyikta"?
Jagdeep Dhankhar
- Who has won the Breakthrough Prize 2023 in Mathematics?
Daniel Spielman
- Who has been conferred with the National Lata Mangeshkar Award for the year 2021?
Kumar Sanu
- Who is the author of a book titled 'Lata: Sur-Gatha' or Lata: A Life in Music?
Ira Pande
- Which bank has inaugurated the Ethical Hacking Lab at the Cyber Security Centre of Excellence (CCoE)?
Union Bank of India
- Name the author of the book 'Lockdown Lyrics' released by Odisha Chief Minister Naveen Patnaik.
Sanjukta Dash
- Who is the author of the book titled "Lion of the Skies: Hardit Singh Malik, the Royal Air Force and the First World War"?
Stephen Barker
- Name the author of the book titled 'Rusty Skies and Golden Winds'.
Roshni Arora
- Name the author of the book titled 'Rusty Skies and Golden Winds'.
Roshni Arora
- The book, "Bibi: My Story" is the autobiography of who among the following?
Benjamin Netanyahu
- Name the editor of the book "Gandhi and the Champaran Satyagraha: Select Readings".
Suranjan Das
- Name the author of the book "Mind Master: Winning Lessons from a Champion's Life".
Susan Ninan
- Name the author of the book 'Getting the Bread: The Gen-Z Way to Success'.
Prarthna Batra
- Who has launched a book in Gujarati 'Swadhinata Sangram Na Surviro'?
Meenakshi Lekhi
- Name the author of the book "BEYOND THE MISTY VEIL" Temple Tales of Uttarakhand.
Aradhana Johri
- Who is the author of the book 'NOT JUST A NIGHTWATCHMAN: My Innings in the BCCI'?
Vinod Rai
- Journalist Wesley Morgan has won Colby award for his _____ book. *The Hardest Place: The American Military Adrift in Afghanistan's Pech Valley*
- The 2022 Billboard Music Awards Winners have announced recently. Who won the Top Artist award?
Drake
- Who is the author of the book "Birsa Munda - Janjatiya Nayak"?
Prof. Alok Chakrawal
- A book on Rani Lakshmibai titled "Queen of Fire" has been written by which author?
Devika Rangachari
- Who is the author of the book "Crunch Time: Narendra Modi's National Security Crises"?
Sreeram Chaulia
- Who is the author of the book Decoding Indian Babudom?
Ashwini Shrivastava
- Who is the author of the book "The Boy Who Wrote a Constitution"?
Rajesh Talwar
- Which country has participated as the Guest of honour at the Paris Book Festival 2022?
India
- Who is the author of the new book titled "Sikh History of Eastern India"?
Abinash Mohapatra

SPORTS

- Who has become the only player to play 100 matches for his country in all forms? **Virat Kohli**
- James Anderson has become the first-ever fast bowler to complete 950 wickets in international cricket. He is from which country? **England**
- Who has won the Belgian Formula 1 Grand Prix 2022? **Max Verstappen**
- Denmark's Viktor Axelsen has clinched his second BWF World Championships men's singles title. This championship was held in which city? **Tokyo**
- Who won the Women's Badminton World Federation (BWF) World Championship 2022? **Yamaguchi Akane**
- India cricketer Suresh Raina has announced his retirement from all forms of cricket including IPL. For which team Raina has played in IPL? **Chennai Super Kings**
- Which boat club has scripted its maiden triumph in the Nehru Trophy boat race? **Mahadevikadu Kattil Thekkethil Chundan club**
- Who has won the gold medal in the Malaysian Age Group Rapid Chess Championship in Kuala Lumpur? **Anishka Biyani**
- Who wins Dubai Open chess tournament? **Aravindh Chithambaram**
- Who has won the Dutch Formula 1 Grand Prix 2022? **Max Verstappen**

- Which State/UT to host first-ever Mountain Bicycle World Cup? **Ladakh**
- Indian Institute of Technology Madras researchers along with Inspire Institute of Sports (IIS) are developing a cost-effective analytics platform to improve the medal tally for which sport at the 2024 Olympics? **Boxing**
- Amit Shah launched 36th National Games Anthem and mascot in _____? **Ahmedabad**
- In the men's category, who has lifted 2022 US Open final title? **C. Alcaraz Garcia**
- In the women's category, who has lifted 2022 US Open final title? **I. Swiatek**
- Who has won Italian F1 Grand Prix 2022? **Max Verstappen**
- Sri Lankan cricket team won the Asia Cup 2022, after defeating which teams in the finals? **Pakistan**
- Who has announced his retirement from all forms of Indian cricket recently? **Robin Uthappa**
- Who has become the first-ever cricketer to reach 50 million followers on Twitter? **Virat Kohli**
- Name the author of the book "Will Power: The Inside Story of the Incredible Turnaround in Indian Women's Hockey". **Sjoerd Marijne**
- Chess Player, Alireza Firouzja won the ninth edition of the Sinquefield Cup in September 2022, the tournament was held in which country? **USA**

- _____ won the bronze medal in the men's 65kg category at the World Wrestling Championships in Belgrade? **Bajrang Punia**
- Who has won a silver medal in the World Para Athletics Grand Prix, in Morocco? **Devendra Jhajharia**
- Team won the SAFF Women's Championship 2022? **Bangladesh**
- India is set to host its maiden MotoGP World Championships race at the Buddh International Circuit in Greater Noida in _____? **2023**
- Bill and Melinda Gates Foundation honoured 4 changemakers, name the Indian who honoured with the 2022 Goalkeepers Global Goals Awards? **Dr. Radhika Batra**
- Who has been elected as President of Hockey India? **Dilip Tirkey**
- Who has clocked the lowest time to complete a marathon for the world record in Berlin Marathon? **Eliud Kipchoge**
- Team World defeated Team Europe to win the Laver Cup 2022 for the first time. Laver Cup is related to which sport? **Tennis**
- Shushila Devi Likmabam won the silver medal for India in Commonwealth games 2022 in Judo under which category? **48 Kg**
- India's weightlifter, _____ (73 Kg representative) bagged the gold medal in The Commonwealth Games 2022. **Achinta Sheuli**
- Who has won the Formula One (F1) 2022 Hungarian Grand Prix? **Max Verstappen**
- Who clinched India's 2nd gold medal in men's 67 kg event at the Commonwealth Games 2022? **Jeremy Lalrinnunga**

- Clinched India's 1st gold medal of the Commonwealth Games 2022?
Mirabai Chanu
- Identify the new slogan for the Olympic and paralympic Games Paris 2024 that was revealed in July 2022.
Games Wide Open
- Sushila Devi Likmabam, won the Silver medal in the 2022 commonwealth games in sport?
Tennis
- Vijay Kumar Yadav has won bronze medal for India in which game at the 2022 CWG in Birmingham?
Judo
- Who has been inaugurated 4th ONGC Para Games 2022?
Hardeep Singh Puri
- Who has registered a 2.5-1.5 win for India against Hungary in the fourth-round match of women section at the 44th Chess Olympiad?
Tania Sachdev
- Tulika Maan, who wins silver medal in the Commonwealth Games 2022, is associated with which of the following sports?
Table Tennis
- Tejaswin Shankar won India's first medal in athletics at the Commonwealth games 2022, by clinching a historic bronze sports?
Men's high jump final
- India's lawn bowls women's fours team made history by winning the _____ at the Commonwealth Games 2022.
Gold medal
- _____ has won the gold medal in the Women's Wrestling Freestyle 62Kg.
Sakshi Malik
- India beat which country to win the 2022 SAFF U20 Championship title?
Bangladesh
- Chennai-based chess prodigy _____ became India's 75th Grandmaster by winning a tournament in Romania.
V Prnav
- Who has won a gold medal in the women's 53kg category final at the Commonwealth Games 2022?
Vinesh Phogat
- The Indian women's cricket team beats which country to win a silver medal at the 2022 Commonwealth Games?
South Africa
- PV Sindhu bagged a gold medal beat _____ in the _____ at the Commonwealth Games 2022 women's single badminton final.
Michelle Li
- Which country will host the Chess Olympiad 2026?
Uzbekistan
- How many medals did India win in Commonwealth Games 2022 table?
61
- What was India's rank in CWG 2022 medals tally?
4
- Which player has been chosen by the ICC as the ICC Men's Player of the Month for July 2022?
Prabath Jayasuriya
- Which player has been named as the ICC Women's Player of the Month for July 2022?
Emma Lamb
- Name the players who represented India as flagbearers at the closing ceremony of CWG 2022, Nikhat Zareen and Sharath Kamal
- Which former international cricket umpire, has passed away in a car crash recently?
Rudi Koertzen
- Tennis legend from the United States, _____ has announced her retirement.
Serena Williams
- Lakshya Sen has won a gold medal for India in which game at the Commonwealth Games 2022?
Badminton
- Who won the last gold medal for India in Commonwealth Games 2022?
Sharath Kamal
- Which team has won the 2022 UEFA Super Cup?
Real Madrid
- Who has been named as the 2021-22 All India Football Federation's Women's Footballer of the Year?
Manisha Kalyan
- Who among the following has been named as the 2021-22 All India Football Federation's men's Footballer of the Year?
Sunil Chhetri
- Who has become the first Indian footballer to play at the UEFA Women's Champions League 2022?
Manisha Kalyan
- Recently, Fifa has unanimously decided to suspend, which Football Federation?
All India Football Federation
- The first Khelo India Women's Hockey League under-16 is scheduled to be held at the Major Dhyan Chand Stadium in _____.
New Delhi
- The 1st Edition of Women Indian Premier League will be starting from March _____, a senior BCCI official confirmed.
2023
- Meghalaya is set to host the upcoming 2nd edition of the North East Olympics, the first edition of the North East Olympics took place in which year?
2018
- Which edition of the Asia's oldest football tournament- Durand Cup began in Kolkata in August 2022?
131st

SCIENCE & TECH

- Taurus Sainik Aramgrah was constructed by Indian Army in collaboration with _____.

Delhi Metro Rail Corporation

- Which company has announced a campaign to upskill cyber security researchers and developers in India?

Google

- Leading vehicle manufacturer, _____ has completed 40 years in India.

Maruti Suzuki

- The recently proposed Dark Sky Reserve will be located at Hanle in Ladakh as a part of:

Changthang Wildlife Sanctuary

- Which company has unveiled India's first LNG-fuelled green truck by launching a manufacturing plant at Chakan, Pune?

Blue Energy Motors

- Which company has signed an MoU with UK-based Smiths Detection to offer advanced, high-energy scanning systems to the Indian market?

Bharat Electronics Limited

- Supreme Court judge Justice DY Chandrachud has been appointed as the next executive chairperson of the _____.

NALSA

- Which private space startups has secured its first patent for the design and manufacturing of its 3D-printed rocket engine?

Agnikul Cosmos

- The Indian Railways will be introducing the new avatar high-speed train Vande Bharat called Vande Bharat 2. It will have a maximum speed up to how many kmph?

180

- Ministry of Ports, Shipping and Waterways will build the National Maritime Heritage Complex at which sites of the Indus Valley Civilization?

Lothal

- Indian railways for the first time has floated a tender to invite private players to build a high-speed wheel plant under which initiative?

Make in India

- Which became the first academic institute in the country to join an IBM programme promoting quantum computing development and research?

IIT Madras

- Google Cloud has announced it has launched the first cohort of its computing foundations with Kubernetes course in collaboration with _____.

Nasscom

- _____ appointed as the non-executive chairman of Yes Bank in September 2022?

Rama Subramaniam Gandhi

- Which automobile company has partnered with Hindustan Petroleum Corporation Ltd (HPCL) to set up charging infrastructure for electric two-wheelers in the country?

Hero MotoCorp

- What is the name of two Diving Support Vessels (DSVs) launched by Indian Navy recently?

Nistar and Nipun

- What is the name of the world's first cloned wild Arctic wolf created by Chinese Scientists?

Maya

- With which has the Royal Society of Chemistry (RSC) partnered to support an outreach programme designed to promote the chemical sciences in schools and universities?

CSIR

- Indian Railways has announced that it is installing Real-Time Train Information System (RTIS) on the locomotives and trains. It has developed in collaboration with which of the following institute?

Indian Space Research Organization

- Which company has topped the 25 startups in India listed by LinkedIn?

Defence CRED

- Which country has for the first time referred to what it called "the militarization of the Taiwan Strait", marking a rare instance?

India

- Which edition of India- USA Joint Exercise Vajra Prahar culminated at Bakloh in Himachal Pradesh?

13th

- Who has been recently conferred the title of Honorary General of the Nepali Army by Nepal President Bidya Devi Bhandari in Kathmandu?

General Manoj Pande

- INS Vikrant, India's first home-built aircraft carrier, was formally commissioned at _____.

Cochin Shipyard Limited

- Indian Army's Kharga Corps and the Indian Air Force have conducted a joint exercise 'Gagan Strike' in _____.

Punjab

- India & Japan 2+2 Ministerial Dialogue held in which city?

Tokyo

- INS Satpura & P8I Maritime Patrol Aircraft will Participate in Multinational Naval Ex Kakadu, Ex Kakadu is hosod by _____.

Australia

- _____ the first police force in the country to make collection of forensic evidence mandatory in crimes punishable by more than six years?

Delhi

- Which paramilitary forces' first female camel riding squad is being deployed along the India- Pak border? **BSF**
- The Indian Air Force is set to retire its Srinagar-based _____ squadron 'Sword Arms'. **MiG-21**
- Who has been received the Indian Council for Cultural Relations (ICCR) Distinguished Indologist award for 2021?
Jeffrey Armstrong
- Which Indian Institute of Technology (IIT) has launched the 'Nilekani Centre at AI4Bharat' to promote Indian language technology? **IIT Madras**
- In August 2022, the US Senate has approved Finland and Sweden's accession to _____. **NATO**
- Union Minister of Road, Transport & Highway Nitin Gadkari has launched India's first electric double-decker bus in which city? **Mumbai**
- Which regulatory body is organizing its first hackathon "Bima Manthan 2022" with the theme 'Innovation in Insurance' in August 2022?
IRDAI
- Zomato-Backed Shiprocket Becomes India's _____ Unicorn After Raising \$33.5 Mn. **106th**
- The Border Road Organization (BRO) will construct a pilot road using steel slag in which state?
Arunachal Pradesh
- Dr Jitendra Singh launched India's first truly indigenously developed _____ Fuel Cell Bus developed by KPIT-CSIR in Pune in August 2022. **Hydrogen**
- Ratan Tata launched a companionship startup that helps senior citizens make friends, it is called as? **Good Fellows**
- Indian Railways longest freight train, Super Vasuki is _____ km Long. **3.5 km**
- Which portal has been launched by the union government to bring together all the awards of the various Ministries of the government under one platform?
Rashtriya Puruskar Portal
- Which company has partnered with SIDBI to launch 1,000 green energy enterprises established throughout the country?
TPrenewable Microgrid
- Which of the following company has signed MoUs with Assam, Manipur, and Tripura governments for the development and promotion of oil palm cultivation under a central scheme? **Godrej Agrovet**
- Which of the following oil and gas refining company commences its first cow dung-based compressed biogas project?
Hindustan Petroleum Corporation Limited
- Which country has conducted its first successful satellite launch using domestic rocket 'Nuri'?
South Korea
- According to a report by NASSCOM, Artificial Intelligence can add \$500 bn to GDP by _____. **2025**
- What is the peak capacity of India's largest floating solar power project commissioned by Tata Power Solar Systems Limited in Kerala recently?
101.6 Megawatt
- What is the theme of National Conference on Millets 2022?
The Future Super Food for India
- Chennai based drone start up Garuda Aerospace has partnered with which country's Drone Solution Company to set up first international drone factory?
Malaysia
- Which of the following airport has become the first airport in the country to run entirely on hydro and solar power?
Indira Gandhi International Airport
- Which of the following company has announced the acquisition of Blink Commerce (Blinkit), earlier known as Grofers India? **Zomato**
- One Health Pilot Initiative has been launched in which city? **Bengaluru**
- _____ organised the "Suraksha Manthan 2022", on aspects of Border & Coastal Security at Jodhpur (Rajasthan). **Indian Army**
- Which tech company was recognised at Microsoft Partner of the Year Awards 2022, for innovation and implementing customer solutions? **HCL Tech**
- Where is India's largest floating Solar Power Project commissioned?
Telangana
- The Bengaluru Electricity Company BESCOM has developed _____ mobile app to provide information about EV charging stations in Bengaluru. **EV Mitra**
- Who launched a three-day "Grand Hackathon" on Agriculture domain to promote open eCommerce network?
Piyush Goyal

DEFENCE

- Which one conducted two successful test-fires of the Very Short Range Air Defense System (VSHORADS) missile? **DRDO**
- Who is currently the Chief of Defence Staff of India?
General Anil Chauhan
- KAZIND-21 is a Joint training exercise between which countries?
India - Kazakhstan
- Konkan naval exercise is conducted between which two countries?
India-United Kingdom
- Chushul Valley, recently seen in news is located in which state/ Union Territory? **Ladakh**
- What is 'MPATGM', that was successfully tested by the The Defence Research and Development Organisation in January 2022?
An Anti-Tank Missile
- Which is the first woman set to fly a Rafale fighter jet in India?
Shivangi Singh
- Which of the missile systems are included in the Integrated Guided Missile Development Programme?
Shakti
- The fourth Edition of Joint Military Exercise AL NAJAH-IV is between contingents of Indian Army and _____.
Oman
- Point 5140 at Dras sector was named as Gun Hill to mark the victory of the Indian Armed Forces during _____. **Operation Vijay**
- 3rd India-Vietnam Bilateral Army Exercise "Ex VINBAX 2022" begins at Chandimandir _____. **Haryana**

- Pacific Dragon ballistic missile defense exercise is a biennial drill held between three major countries. Which country is not a part of this exercise? **Philippines**
- The Indian Air Force will retire one of its four remaining squadrons, MiG-21 fighter jets by 2022 September and other three scheduled to be phased out by _____. **2025**
- Which country will conduct the multinational air combat exercise "Pitch Black 2022" in August 2022 in which India will participate along with 16 other nations? **Australia**
- Which warship conducted a maritime partnership exercise (MPX) with French warships in the North Atlantic Ocean in July 2022?
INS Tarkash
- Odisha has signed an MoU with which organization for the upcoming 'Make in Odisha' conclave 2022? **FICCI**
- Which company has announced to roll out the 'First in India' seating system for Vande Bharat Express trains from September 2022?
TATA Steel
- Who has been recently appointed as Delhi Police Commissioner?
Sanjay Arora
- The Drone Federation of India has partnered with _____ to launch the 'Him Drone-athon' programme.
Indian Army
- Ex Vajra Prahar 2022 is a joint special forces exercise of India with which country? **United States**
- Which state government has announced to implement 100% National Education Policy (NEP) in higher education from next academic year? **Goa**
- Recently the Indian Army conducted pan-India satellite communication exercise to test the operational readiness and robustness of its hi-tech satellite communication systems. What was the name of this exercise? **Skylight**
- The Ministry of Defence has announced that the 12th edition of the Defence Expo will be held in _____. **Gandhinagar**
- Recently Russia has launched an Iranian satellite into orbit from southern Kazakhstan. What is the name of this Iranian satellite?
Khayyam
- Who has hand over to the Indian Army the much-awaited Future Infantry Soldier as a System (F-INSAS)? **Rajnath Singh**
- Who has inaugurated a National Seminar on 'Introspection: Armed Forces Tribunal' in New Delhi?
Rajnath Singh
- At which Indian Navy Ship (INS), a first-of-its-kind, Composite Indoor Shooting Range (CISR) was inaugurated in August 2022?
INS Karna
- Which organisation recently conducted the maiden flight of the Autonomous Flying Wing Technology Demonstrator?
Defence Research and Development Organisation
- What is the name of the newest airline of India, which has received the Air Operator Certificate (AOC) from the aviation regulator DCGA?
Akasa Air
- In July 2022, Coffee Board has signed an MoU with _____ to develop climate-resistant varieties of the coffee crops.
ISRO

- As per a recent newspaper report, Nokia has partnered with which institution to set up Nokia Center of Excellence in networked robotics? *IISc, Bengaluru*

- The Indian Navy's Kilo-class submarine, _____ has decommissioned from service after 35 years in service.

INS Sindhudhvaj

- The Army Training Command has signed a MoU with Rashtriya Raksha University to develop a 'Wargame Research and Development Centre' in _____.

New Delhi

- The Indian Navy has successfully tested its ship-based surface-to-air missile (SAM) system by taking down a low flying target. Which missile is not a surface-to-air missile? *Astra*

- The Defence Minister Rajnath Singh has endorsed the proposal to establish a new defense ring in which state? *Uttarakhand*

- Defence Acquisition Council (DAC) accorded Acceptance of Necessity (AoN) for Capital Acquisition Proposals of the Armed Forces amounting to _____ under 'Buy (Indian)', 'Buy & Make (Indian)' and 'Buy (Indian-IDD)' categories. *Rs 76,390 crore*

- India and _____ signed MOU to further strengthen their defense and strategic ties and also adopted a 'vision statement' to expand their defense and military cooperation. *Israel*

- a joint military training exercise Ex SAMPRITI-X is being conducted between India and _____ at Jashore Military Station from 05 June to 16 June 2022. *Bangladesh*

- Which country is the host of the BALTOPS 2022' naval exercise? *Sweden*

- An 'IAF Heritage Centre' will be set up by the Indian Air force at _____ that will showcase the role of the Indian Air Force in various wars and its overall functioning. *Chandigarh*

- Where was the largest known plant on Earth recently discovered? *Off the coast of Australia*

- Which company has partnered with Jio-bp to accelerate EV adoption? *Zomato*

- Which airport named as the finest regional airport in India and South Asia? *Kempegowda International Airport*

- Which airport has been named the World's Best Airport for the second year running? *Hamad International Airport*

- The 9th India - Kyrgyzstan Joint Special Forces Exercise was held in which state? *Himachal Pradesh*

- Which aircraft developed by National Aerospace Laboratories (NAL) has successfully completed engine relight? *Hansa-NG*

- As per the report released by the National Aeronautics and Space Administration (NASA) a giant _____-feet asteroid is heading towards earth. *1,600-feet*

- The 4th edition of CORPAT exercise has commenced in Northern Bay of Bengal. It is a Bilateral Exercise between India and which country? *Bangladesh*

- The National Aeronautics and Space Administration & which Aircraft manufacturer has successfully launched Starliner spacecraft? *Boeing*

IMPORTANT DAYS

- National Sports Day or Rashtriya Khel Divas is celebrated in India as a tribute to hockey legend _____. *Major Dhyan Chand*

- National Sports Day or Rashtriya Khel Divas is celebrated every year on which day? *29th August*

- International Day against Nuclear Tests is observed on _____ to raise awareness about the devastating effects of testing nuclear weapons. *29th August*

- Women's Equality Day 2022 is celebrated on _____ all over the world to celebrate women's empowerment and equality. *26th August*

- What is the theme of Women's Equality Day 2022?

Gender Equality Today for a Sustainable Tomorrow

- International Day of the Victims of Enforced Disappearances is observed globally on the _____ every year by United Nations. *30th August*

- In India, the National Small Industry Day is celebrated on _____ every year, to support and promote small Industries. *30 August*

- "The International Day for People of African Descent" is observed annually on which day? *31 August*

- International Day of Clean Air for blue skies is observed every year on which day? *7 September*

- What is the theme of National Teachers? *Day 2022*

- The International Day of Charity is observed on _____. *September 5*

- Leading in crisis, reimagining the future Teachers? Day or Shikshak Divas observed on which day?
5th September
- What is the theme of the International Day of Clean Air for blue skies 2022? **The Air We Share**
- International Literacy Day (ILD) is celebrated on _____ every year all across the globe. **8 September**
- What is the theme of International Literacy Day 2022?
Transforming Literacy Learning
- World First Aid Day is celebrated every year on the second Saturday of September. This year, World First Aid Day 2022 falls on _____.
10 September
- Which month is recognized as International PCOS Awareness Month?
September
- The United Nations Day for South-South Cooperation is observed annually on _____ to highlight the importance of cooperation among people.
September 12
- National Forest Martyrs Day is observed on _____ to pay tribute to those who sacrificed their lives to protect forests and wildlife.
September 11
- The National Mission for Clean Ganga organized Himalayan Diwas on _____, in association with Naula Foundation.
September 09
- World Suicide Prevention Day (WSPD), celebrated annually on _____, is organized by the International Association for Suicide Prevention (IASP) and endorsed by the World Health Organization (WHO).
10 September
- What is the theme of World First Aid Day 2022? **Lifelong First Aid**
- The Ministry of AYUSH celebrates Ayurveda Day every year on Dhanvantari Jayanti and this year it will be celebrated on _____.
23 October
- World Lymphoma Awareness Day (WLAD) is held on _____ every year and is a day dedicated to raising awareness of lymphoma, an increasingly common form of cancer.
September 15
- Hindi Diwas or Hindi Day is observed every year on _____ to mark the popularity of Hindi as an official language of India.
14 September
- This year, September 15 marks the _____ anniversary of the International Day of Democracy.
15th
- World Patient Safety Day is observed every year on _____ to create awareness about different safety measures that should be taken to ensure patient safety.
17 September
- World Bamboo Day 2022 is observed on _____ in order to raise awareness about the conservation of this extremely useful plant.
September 18
- International Equal Pay Day is observed every year on which day?
18 September
- International Week of Deaf People 2022 is celebrated on _____.
September 19 to 25 September 2022
- The International Day of Peace is observed globally on _____.
September 21
- What is the theme of World Alzheimer's Day 2022?
Know Dementia, know Alzheimer's
- World Alzheimer's Day is observed annually on _____ to raise awareness about neurological disorders.
September 21
- World Rhino Day is observed on _____ to spread awareness about the different Rhinoceros species and the dangers they face.
22nd September
- What is the theme of World Rhino Day 2022?
Five Rhino Species Forever
- World Rose Day for the welfare of cancer patients worldwide is celebrated annually on the _____.
22nd September
- International Day of Sign Languages is observed every year on which day?
21 September
- International Daughter's Day is observed every year which day?
Fourth Sunday of September
- World Pharmacist Day is observed every year on which day?
25 September
- The United Nations observes _____ every year as the International Day for the Total Elimination of Nuclear Weapons.
26 September
- World Rivers Day is observed every year on which day?
Fourth Sunday of September
- World Tourism Day 2022 is observed on _____ globally. This day is celebrated every year to focus on promoting tourism in various parts of the world.
27 September



GS SPECIAL



INDIAN POLITY

- The right to freedom is mentioned in which articles of the Indian Constitution *Articles 19-22*
- A writ is issued by whom *any High Court*
- One basis of personal freedom is *Habeas Corpus*
- Which of the following is issued by the court in case of illegal detention of a person *habeas corpus*
- What kind of Rito specific arrangements have been made in the Indian constitution *Permit, Prohibition*
- How many types of orders can be issued in the Indian Constitution *5*
- Which petition or mandate is given by the court to a government official to do his official work *The mandate*
- According to the Indian Constitution, the right to life is *a fundamental right*

ECONMICS

- What is the formal method of entering into trade agreements with groups of countries *trading blocks*
- Which cost is related to minimum cost *variable cost*
- Tooth paste products are sold under *monopolistic competition*
- When there is only one buyer and one seller of a commodity, then it is called *bipartisan monopoly*
- In which market structure the demand curve of the market is reflected by the demand curve of the firm *Monopoly*

AGRICULTURE

- 1st Hybrid variety of sorghum *CSH-1 (released in 1965)*
- 1st Intergeneric hybrid was *Raphino brassica*
- 2, 4-D belongs to the chemical group *Chloro phenoxy compound*
- 2, 4-D, Simazine, Atrazine and Fluchloralin belongs to the selectivity group *Selective herbicides*
- 2,4-D controls only *Broadleaf weeds*
- Fungicides like PMA & Atrazine at low concentration act as which type of antitranspirants *Stomatal closing*
- 40°C is equal to *40°F*
- 70s type ribosome is found in *Mitochondria and Chloroplast*
- 75% of rainfall is received by *S-W monsoon period (June-Sept)*
- 80 per cent phosphorus in bajra grains stored in the form of *Phytate*

HISTORY & CULTURE OF INDIA

- Famous Jain centers are located in South India *Shravanabelagola*
- The oldest iron era in India is associated with *painted gray pottery*
- Which first ruler was responsible for the rise of Magadha *Bimbisara*
- In the ancient times, the language used to write the source material was *Sanskrit*
- Alexander (Alexander) and Porus fought *Jhelum*
- The name of the religious text of the Jews is *Musa Sahib*

GEOGRAPHY

- The highest mountain peak in peninsular India is *Anaimudi*
- Which hill station is called the queen of Satpuda *Panchamadi*
- Loktak is a *lake*
- Which are the largest man-made lake *Govind Sagar*
- Sivasamudram waterfall is found in the path of which river *Kaveri*
- Baltoda glaciers are located in *Karakoram Pavartamala*
- Which is the highest waterfall in India *Jog Falls*
- In high areas, laterite soil is composed of *acidic*
- Where are the laterite soils found *in tropical region with humid and dry climate*
- How the soil of the northern plains of India is generally formed *by Talochan*

ENVIRONMENT

- The Ramsar convention is associated with the conservation of *Wet lands*
- Which is the best source of generating electric in India from the viewpoint of sustainable development *Hydro electricity*
- In which summit "Agenda 21" adopted *First Earth Summit*
- The greenhouse effect is mostly caused by *Carbon dioxide in the atmosphere*
- Which tree is considered to be an environmental hazard *Eucalyptus*
- The concept of ecological niche was first introduced by *J.Grinnell*

AWARDS

SEPTEMBER 2022

COCHIN INTERNATIONAL AIRPORT WINS 2022 AIRPORT SERVICE QUALITY AWARD

- Cochin International Airport Ltd (CIAL) has received the Airport Service Quality award-2022 for its meticulous implementation of a programme 'Mission Safeguarding' in 2021-22.
- This programme has ensured seamless traffic and reinforced passenger satisfaction in the aftermath of the pandemic.
- Category: 5-15 million passenger category of airports operating in the Asia-Pacific region
- The award was instituted by Airport Council International (ACI).

ASHA PAREKH TO BE BESTOWED WITH 52ND DADASAHEB PHALKE AWARD

- The legendary actress Asha Parekh will be honored with Dadasaheb Phalke Award. The award will be presented at the National Film Award Ceremony in New Delhi on September 30, 2022.
- The National Film Award will be presided over by the President of India, Draupadi Murmu.
- Asha Parekh has also been awarded Padma Shri by the Government of India in 1992.

- Union Minister announced the decision and said "I am honored to announce that the Dadasaheb Phalke Selection Jury has decided to recognize & award Ms. Asha Parekh Ji for her exemplary lifetime contribution to Indian Cinema".

INDIAN-ORIGIN SUELLA BRAVERMAN WON FIRST QUEEN ELIZABETH II AWARD

- Britain's Indian-origin Home Secretary Suella Braverman has been named winner of the first-ever Queen Elizabeth II Woman of the Year award at a ceremony in London.
- The 42-year-old barrister, who was appointed to the Cabinet earlier this month by British Prime Minister Liz Truss, said it was the "honour of her life" to take on the new role at the Asian Achievers Awards (AAA) 2022 ceremony, dedicated to the memory of the late monarch who passed away recently.

UTTAR PRADESH WINS AYUSHMANN UTKRISHTA AWARD 2022

- Uttar Pradesh has been awarded Ayushman Utkrishta award 2022 on 29 September for adding various health facilities to health facility register.
- Uttar Pradesh is the best performing state in the country with 28728 Health facilities added to National health facility register.

- The state is the second best State in creating Ayushman Bharat health account (ABHA) with almost 2 crores ABHA accounts. These are the first few milestones in the state.

SRISHTI BAKSHI WINS CHANGEMAKER AWARD AT UN SDG ACTION AWARDS



- Srishti Bakshi, an Indian marketer turned women's rights activist, received the 'Changemaker award' at the United Nations Sustainable Development Goals (UN SDG) Action Awards for combating gender-based violence and supporting safe access to public spaces, according to the UN SDG. The finalists were selected from over 3,000 applications from 150 countries.
- Bakshi "embarked on an on-foot pilgrimage of 3,800 kilometers through 12 Indian states from Kanyakumari to Kashmir, not only to put a spotlight on the causes of violence against women, but also to empower women and reveal stories of resilience by conducting over 100 workshops focused on women's safety, along with digital and financial literacy." Her on-foot journey was chronicled in the documentary titled 'WOMB: Women Of My Billion,' which "exposes the raw emotions and realities of women living in India today."

BARACK OBAMA WINS EMMY AWARD FOR HIS NARRATION IN NETFLIX DOCUMENTARY

- The former President of the US, Barack Obama has won Emmy Award for his narration in the Netflix documentary "Our Great National Parks".
- The documentary has been released in five-parts, and produced by Barack and Michelle Obama's production company "Higher Ground".
- He has already won two Grammys and is now halfway to an EGOT-the achievement i.e. an Emmy, a Grammy, an Oscar, and a Tony
- Barack Obama is 2nd US President to win Emmy, after Dwight D Eisenhower.

LEE JUNG-JAE WON THE 74TH EMMY AWARD FOR BEST MALE ACTOR IN DRAMA SERIES

- Actor of Squid Game (Netflix), Lee Jung-jae has won the 74th Emmy Award for Male lead actor, at the Microsoft Theater, LA, California
- Zendaya has won the 74th Emmy Award for best lead actress in a drama Series for her best performance in Euphoria (HBO)
- Best Drama Series: Succession (HBO)
- Best Comedy Series: Ted Lasso (Apple TV)
- Best Limited or Anthology Series: The White Lotus (HBO)
- Best Writing for a Drama Series: Succession - All The Bells Say (HBO)

KALINGA INSTITUTE OF SOCIAL SCIENCES BAGS INTERNATIONAL LITERACY PRIZE 2022

- Kalinga Institute of Social Sciences (KISS) has been conferred with the highest global recognition on Literacy- UNESCO International Literacy Prize 2022.
- This award has been given at a global award ceremony organised by UNESCO in Côte d'Ivoire on 8 September 2022.
- KISS is the fifth recipient from India and the first and only institute from Odisha to receive this International honour.
- It was founded by Dr Samanta, a well-known Educationist and Social Activist.

CARLOS ALCARAZ BEATS CASPER RUUD TO CLINCH 2022 US OPEN SINGLES TITLE

- Spanish, Carlos Alcaraz(19) has defeated Casper Ruud to secure his maiden Men's Singles title at the 2022 US Open tennis.
- He is the youngest men's Grand Slam champion since Rafael Nadal won the French Open in 2005.
- Women's singles: Iga Świątek (Poland)
- Men's doubles: Rajeev Ram (US) / Joe Salisbury (UK)
- Women's doubles: Barbora Krejčíková (Czech Republic) / Kateřina Siniaková (Czech Republic)
- Mixed doubles: Storm Sanders / John Peers (Australia)

SIKKIM TO HOST RANJI TROPHY MATCHES FOR THE FIRST TIME

- Sikkim will host Ranji trophy matches for the first time in December 2022 at the Mining Cricket Ground near Rangpo.
- The state will welcome three northeast teams i.e. Mizoram, Manipur and Arunachal Pradesh.
- The decision was taken by BCCI, that will act as a game-changer in cricket's promotion in Sikkim.
- Along with Ranji Trophy matches, Sikkim will also play two Cooch Behar Trophy matches, and three Col CK Nayudu Trophy matches at Mining Cricket Ground.

MAX VERSTAPPEN WINS 2022 ITALIAN GRAND PRIX

- Red Bull F1 driver, Max Verstappen has secured title of Formula One Italian Grand Prix 2022.
- Ferrari Driver, Charles Leclerc has secured second spot in the Grand Prix, while George Russell (Mercedes) placed third in the event.
- Lewis Hamilton (Seven times world champion) has also raced and finished in the fifth position, while Nyck de Vries finished ninth in his F1 debut.
- Dutch GP, Belgian GP: Hungarian GP, French GP: Max Verstappen
- Pushpa: The Rise won the Tenth SIIMA Awards for best movie
- Pushpa: The Rise has won the Tenth SIIMA Awards in the category of best movie in Telugu Cinema.
- While the Allu Arjun won the SIIMA Award in the category of best male lead role for his performance in 'Pushpa: The Rise' (Telugu Cinema)

AUGUST 2022**CANADIAN SCHOLAR RECEIVES ICCR'S 'DISTINGUISHED INDOLOGIST'**

- A Canadian scholar, Jeffrey Armstrong has been awarded with the Indian Council for Cultural Relations (ICCR) 2021 Distinguished Indologist for his outstanding contribution in study, teaching and research in any of the fields of Indian Studies.
- He is the founder of the Vedic Academy of Science & Arts and author of The Bhagavad Gita comes Alive.
- The ICCR Distinguished Indologist award was instituted in 2015 during the First World Indology Conference.

HARDEEP S. PURI PRESENTS SMART SOLUTIONS CHALLENGE & INCLUSIVE CITIES AWARDS 2022

- The Minister for Housing & Urban Affairs & Petroleum and Natural Gas, Hardeep Singh Puri presented Smart Solutions Challenge & Inclusive Cities Awards 2022. These awards are an initiative of the National Institute of Urban Affairs (NIUA) and the United Nations (UN) in India to address city-level

accessibility and inclusion challenges faced by persons with disabilities (PwD), women and girls, and the elderly.

- The Smart Solutions and Inclusive Cities Awards 2022 was designed with the aim of promoting people-centric design and fostering novel home-grown technological innovations and solutions. Over 100 entries were received through an open call for applications, out of which the top 10 technology-based innovations were identified as winning solutions after an intensive round of screenings and shortlisting by an eminent 7-member jury panel.

64TH RAMON MAGSAYSAY AWARD 2022 ANNOUNCED

- The Ramon Magsaysay Awards Foundation (RMAF), which is widely regarded as the "Nobel Peace Prize of Asia," recently announced this year's awardees in a global announcement ceremony. The 2022 Ramon Magsaysay Awardees are Sotheara Chhim (Cambodia), Bernadette Madrid (Philippines), Tadashi Hattori (Japan) and Gary Benchehib (Indonesia).
- The Ramon Magsaysay Award, established in 1957, is Asia's greatest honour and distinction. The award is managed by RMAF. It is named after Ramon Magsaysay, the third president of the Philippines. The award is regarded around the world as "Asia's Nobel Prize". The prize is annually presented in a ceremonial ceremony in Manila, Philippines on August 31. The first Ramon Magsaysay Awards ceremony was held on 31st August 1958.

DALAI LAMA RECEIVED LADAKH HIGHEST CIVILIAN AWARD, DPAL RINGAM DUSTON

- 14th Dalai Lama (Tibetan spiritual leader) has been honoured with the 'dPal rNgam Duston' award, the highest civilian honour of Ladakh.
- Reason: For his immense contribution to humanity, especially towards the union territory.
- The sixth award was conferred by Ladakh Autonomous Hill Development Council (LAHDC), Leh.
- The 'dPal rNgam Duston' is the celebration of the remarkable contribution and achievement of the heroes of Ladakh.

LIBERTY MEDAL 2022 TO BE AWARDED TO UKRAINIAN PRESIDENT ZELENSKY

- The Liberty Medal 2022 will be awarded this fall to Ukrainian President Volodymyr Zelenskyy. The National Constitution Center has announced that Zelenskyy will be honoured in a ceremony in October for what it called "his heroic defence of liberty in the face of Russian tyranny."
- President Zelenskyy has bravely led the Ukrainian people in their defence of freedom against Russian tyranny, and his courage has inspired people around the world to defend liberal democracy and the rule of law.

JULY 2022**ASHOK SOOTA AWARDED CII QUALITY RATNA AWARD 2021**

- Ashok Soota has been conferred with CII Quality Ratna Award 2021 for his contribution to building the competitiveness of the Indian industry through quality Initiatives.
- He is founder and Executive Chairman of Happiest Minds Technologies.
- The Annual CII Quality Ratna Award was constituted in the year 2019 for outstanding leadership, contribution, and distinguished service to the Quality Movement in India.
- CII President: Sanjiv Bajaj

KARNATAKA'S SINI SHETTY CROWNED FEMINA MISS INDIA WORLD

- Sini Shetty from Karnataka has been crowned as the Femina Miss India World 2022 title at the grand finale of VLCC Femina Miss India.
- Rubal Shekhawat from Rajasthan has emerged as Femina Miss India 2022 first runner-up and Shinata Chauhan from Uttar Pradesh was named Femina Miss India 2022 second runner-up.
- She will represent India at the prestigious 71st Miss World pageant.
- She is a Bharatanatyam dancer represented Karnataka, though she was born in Mumbai.

HCL TECHNOLOGIES HONOURS WITH MICROSOFT PARTNER OF THE YEAR AWARDS 2022

- HCL Tech has been recognized as the Microsoft Partner of the Year Award for Healthcare and Life Sciences (global winner) and the 2022 UK Microsoft Partner of the Year Award (country winner).
- These awards have recognized the Microsoft partners that have developed and delivered outstanding Microsoft-based applications, services, and devices during the past year.
- Michelle Poonawalla receives Shiromani Award at NRI World Summit 2022, UK
- Michelle Poonawalla has received the prestigious Shiromani Award from G. P. Hinduja, co-chairman of Hinduja Group at NRI World Summit 2022, United Kingdom.
- She has been recognized for her contribution to the field of Art and was a speaker at the House of Lords, UK.
- Other winners: Sadhu Bhramvihari, Lord Rami Ranger, Rita Hinduja Chhabria, Dr. Kamel Hothi OBE and Falguni Shane Peacock.
- The Shiromani Award was instituted in 1977.

SHINZO ABE AWARDED POSTHUMOUSLY HIGHEST ORDER OF JAPAN

- The Japanese government has decided to award former Prime Minister Shinzo Abe with the highest order of Japan, the Supreme Order of the Chrysanthemum posthumously.
- Shinzo Abe was the longest-serving PM of Japan and he will be the fourth former prime minister to receive the decoration under the postwar Constitution.
- He was conferred with the Padma Vibhushan (2021) for "exceptional and distinguished service" in the field of public affairs.

ODISHA, 'MO BUS' SERVICE RECEIVED THE PRESTIGIOUS UN PUBLIC SERVICE AWARD

- Mo Bus, Odisha-based public transport service has been honored with a prestigious United Nations award, for their role and efforts in helping the world recover better from Covid19. The public transport service has been recognised for its role in "promoting gender-responsive public services to achieve the SDGs (Sustainable Development Goals)", the UN said.

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NEW APPOINTMENTS

SEPTEMBER 2022

DILIP ASBE RE-APPOINTED AS MD AND CEO OF NPCI FOR FIVE YEARS

- The National Payments Corporation of India (NPCI) has approved the re-appointment of Dilip Asbe as the Managing Director and Chief Executive Officer for a period of five years with effect from January 8, 2023.
- He took charge as MD & CEO of NPCI in January 2018.
- Prior to this, he was the chief operating officer of NPCI for 5 years.
- NPCI was founded in 2008.
- It is an umbrella organisation which operates the country's retail payment and settlement systems.

RAILTEL CORP APPOINTS SANJAI KUMAR AS ITS MD & CHAIRMAN

- Sanjai Kumar has been appointed as the Chairman & Managing Director of RailTel.
- He was currently working as director of networking, planning & marketing at the company.
- He is an officer of the Indian Railway Service of Signal Engineers (IRSSE1).
- RailTel is a "Mini Ratna (Category-I)" Central Public Sector Enterprise is an information and communications technology (ICT) provider.
- As on 30 June 2022, the Government of India holds 72.84% stake in the company.

PRESIDENT NOMINATES JUSTICE DY CHANDRACHUD AS NEXT CHAIRPERSON OF NALSA

- The President of India, Draupadi Murmu has nominated SC judge, Justice DY Chandrachud as new executive chairperson of the National Legal Services Authority (NALSA).
- He has replaced Justice U.U. Lalit, who was elevated as the 49th Chief Justice of India.
- He was the former Chief Justice of the Allahabad HC and a former judge of Bombay HC.
- NALSA has been constituted under the Legal Services Authorities Act, 1987 to provide free Legal Services to the weaker sections.

RAJENDRA KUMAR SENIOR IAS OFFICER APPOINTED AS ESIC DIRECTOR GENERAL

- Rajendra Kumar has been appointed the DG of ESIC, an order issued by the Personnel Ministry. Employees' State Insurance Corporation is one of the two main statutory social security bodies under the ownership of the Ministry of Labour and Employment, Government of India, the other being the Employees' Provident Fund Organisation.
- Kumar, a 1992-batch Indian Administrative Service officer of Tamil nadu cadre, is currently an additional secretary in the Ministry of Electronics and Information Technology.

DR RAJIV BAHL APPOINTED AS DIRECTOR GENERAL ICMR



- The Central government has appointed Dr Rajiv Bahl as a Director General of Indian Council of Medical Research (ICMR) cum-Secretary Department of Health Research (DHR) for three years.
- Presently, He is serving as a head of the research on maternal, newborn child and adolescent health cum-newborn unit at WHO, Geneva. He has replaced Dr Balram Bhargava, whose tenure has been ended in July 2022. ICMR Headquarters: New Delhi

YAMUNA KUMAR CHAUBEY APPOINTS AS CHAIRMAN AND MANAGING DIRECTOR OF NHPC

- Government has appointed its Director (Technical), Yamuna Kumar Chaubey as the Chairman and Managing Director of NHPC for three months, with effect from September 1st 2022.
- He has replaced Abhay Kumar Singh, who retired on August 31, 2022.
- He is a graduate in Civil Engineering from IIT, Kharagpur.
- He joined NHPC Limited in 1985 as a Probationary Executive (Civil) at 540 MW Chamara Hydro-Electric Project, now Chamara-I Power Station, Himachal Pradesh.

KICCHA SUDEEP APPOINTED AS BRAND AMBASSADOR OF PUNYAKOTI DATTU YOJANA



- The Karnataka government has appointed Kannada actor, Sudeep as the brand ambassador for "Punyakoti Dattu Yojana", a cattle adoption scheme.
- Aim of scheme: Encouraging adoption by the public for the purpose of rearing cattle in 'goshalas' (cow shelters).
- The actor has decided not to charge for being the ambassador of the scheme.
- The scheme was launched in July and any individual or an organization can adopt a cow by paying a total of Rs 11,000 for one year.

TAMILNAD MERCANTILE BANK APPOINTS S KRISHNAN AS MD & CEO

- The Board of Directors of Tamilnad Mercantile Bank Ltd has approved the appointment of veteran banker, Krishnan Sankarasubramaniam (aka S Krishnan) as the Managing Director & CEO with effect from 4th September 2022 for a term of 3 years.
- He has replaced present MD & CEO, K V Rama Moorthy, whose tenure ended on 3rd September 2022.
- Earlier, he was the MD & CEO of Punjab and Sind Bank from 4th September 2020 to 31st May 2022.

INDIAN GOVT APPOINTS BANDARU WILSONBABU AS INDIAN AMBASSADOR TO MADAGASCAR

- Indian govt appoints Bandaru Wilsonbabu as Indian Ambassador to Madagascar IFS officer.
- He is presently serving as the joint secretary in the ministry of external affairs.
- He will be replacing ambassador Abhay Kumar.
- He has also served as the joint Secretary in the Eurasia division.

CAPTAIN B K TYAGI APPOINTED AS NEW CMD OF SHIPPING CORPORATION

- Capt. B. K. Tyagi has assumed charge as Chairman & MD of the Shipping Corporation of India Ltd (SCI) on 3rd September, 2022.
- Prior to this, he was the director, who was looking after the liner and passenger services division at SCI.
- He started his career as a trainee nautical officer and sailed on board various ships in different ranks including as master in SCI in 1990.
- SCI is a Navratna CPSE under the Ministry of Ports, Shipping & Waterways (MoPSW).

MEA APPOINTS SANJAY VERMA AS INDIA'S NEXT HIGH COMMISSIONER TO CANADA

- Sanjay Kumar Verma has been appointed as India's next high commissioner to Canada.
- He is a 1988 batch officer of the Indian Foreign Service and is currently the ambassador of India to Japan.

- He has been served in Indian missions in Hong Kong, China, Vietnam and Turkey.
- He has also served as Consul General of India in Milan, Italy.
- While Amit Kumar, who is currently Consulate General of India in Chicago, has been named as the next ambassador to the Republic of Korea.

VOLKER TURK APPOINTED AS NEXT UN HIGH COMMISSIONER FOR HUMAN RIGHTS

- UN Secretary-General Antonio Guterres appointed Volker Turk of Austria as the next UN High Commissioner for Human Rights.
- The new High Commissioner is currently coordinating global policy work as an Under-Secretary-General in the UN's Executive Office.
- From 2019 to 2021, Turk served as Assistant Secretary-General for Strategic Coordination in the UN chief's Executive Office.
- Turk has devoted his long and distinguished career to advancing universal human rights

SANJAY KHANNA APPOINTED AS CEO OF AMERICAN EXPRESS INDIA

- American Express Banking Corp has appointed Sanjay Khanna as the chief executive officer and country manager for India.
- Responsibilities: For increasing growth across the organization's consumer and commercial businesses.

AUGUST 2022**JUSTICE UDAY UMESH LALIT APPOINTED AS 49TH CHIEF JUSTICE OF INDIA**

- President, Droupadi Murmu has approved the appointment of Justice Uday Umesh Lalit as the 49th Chief Justice of India for three months.
- He will replace CJI Justice N V Ramana, who will retire on 26th August 2022.
- He was appointed as Judge of the Supreme Court (SC) in August 2014.
- He will be the second CJI to be directly elevated to SC from the Bar, after Justice S.M. Sikri (13th CJI).
- He was enrolled as an Advocate by the Bar Council of Maharashtra and Goa in 1983..

SATYENDRA PRAKASH TAKES CHARGE AS PRINCIPAL DIRECTOR GENERAL OF PIB

- Satyendra Prakash has been appointed as the principal director general of Press Information Bureau (PIB).
- Earlier, he served as the principal DG of Central Bureau of Communication (HQ: New Delhi).
- He has a wide range of experience in the field of public communication, media management, administration, policy formulation and programme implementation.

GUSTAVO PETRO TAKES OATH AS THE PRESIDENT OF COLOMBIA

- Gustavo Petro has sworn in as the first leftist President of Colombia.
- He is a former member of Colombia's M-19 guerrilla group, who won the presidential election in June 2022 by beating a conservative party candidate.
- He also promised to implement outstanding provisions of the 2016 peace agreement that saw the rebel FARC movement lay down arms after nearly six decades of civil conflict.

IFS PRANAY HAS BEEN APPOINTED AS INDIA'S NEXT HIGH COMMISSIONER

- Pranay Kumar Verma, an experienced diplomat and IFS official from the 1994 batch, has been chosen to serve as India's next High Commissioner to Bangladesh. He is currently the ambassador of India to Vietnam. The Delhi-based Ministry of External Affairs made this announcement. Vikram Doraiswami, the current High Commissioner of India to the UK, is rumoured to be taking over, thus he is expected to start the job soon in his stead.
- In addition to Washington DC, Ambassador Pranay Kumar Verma has held diplomatic positions in Kathmandu, Hong Kong, San Francisco, and Beijing.
- He worked at the Ministry of External Affairs in New Delhi as the Joint Secretary of the East Asia Division.
- He also handled India's nuclear diplomacy as the Joint Secretary for External Relations at the Department of Atomic Energy.

SAVITRI JINDAL BECOMES THE RICHEST WOMAN IN ASIA

- According to the Bloomberg Billionaires Index, Savitri Jindal (72, Indian) has become the richest woman in Asia with \$11.3 billion fortune.
- She replaced China's Yang Huiya, with a net worth of \$11.0bn.
- Huiyan, who controls largest real estate developer Country Garden Holdings of China has lost half of his wealth drop from nearly \$24 billion last year to \$11 billion.
- Savitri Jindal became the chairperson of the Jindal Group, after the death of her husband OP Jindal.

AUGUSTE TANO KOUAMÉ TAKES OVER AS WORLD BANK'S COUNTRY DIRECTOR

- The World Bank has appointed Auguste Tano Kouamé as the country director for India.
- He succeeded Junaid Kamal Ahmad (Bangladeshi economist), who has recently completed his term of five-year.
- He recently served as the country director of World Bank for Turkey.
- Earlier, he worked as the director of the department of human development and economic management in the World Bank Group's Independent Evaluation Group (IEG).
- World Bank's Chief Economist: Indermit Gill

JULY 2022**T RAJA KUMAR BECOMES NEW PRESIDENT OF FINANCIAL ACTION TASK FORCE**

- Indian- origin T Raja Kumar has been appointed as President of world's anti-terrorism financing agency, Financial Action Task Force (FATF) for two years (July 2022 - June 2024).
- He succeeded Dr Marcus Pleyer, who served as the chief of the FATF.
- He will be responsible for enhancing the effectiveness of global anti-money laundering and counter-terrorist financing measures.
- He has a working experience in home ministry of Singapore and police force.

YAIR LAPID TAKES OVER AS 14TH PRIME MINISTER OF ISRAEL

- Leader of Yesh Atid Party, Yair Lapid has been officially became the 14th prime minister of Israel, after replacing Naftali Bennett.
- His term could be a fairly short one, as he takes over a caretaker government ahead of national elections on November 1.
- He is a former journalist who serving as PM of Israel since July 1, 2022.

- Naama Schultz has been appointed as a director-general of the Prime Minister's office.

POKERBAAZI APPOINTS SHAHID KAPOOR AS ITS BRAND AMBASSADOR

- PokerBaazi has appointed actor Shahid Kapoor as its brand ambassador.
- Aims: to create a robust ecosystem for Poker in India.
- According to research firm Statista, the online gaming industry across India was valued at around ₹79 billion in 2021, marking a leap from about Rs. 65 billion in 2020.
- The sector is expected to be worth over Rs. 150 billion by 2024, indicating a compound annual growth of around 15%.
- PokerBaazi was owned by Navkiran Singh (founder of Baazi Game).

RAHUL NARWEKAR BECOMES THE YOUNGEST SPEAKER IN THE COUNTRY

- Rahul Narwekar was elected as the 16th Speaker of the Maharashtra Legislative Assembly after defeating Rajan Salvi (Shiv Sena candidate).
- The post of the Maharashtra Speaker was vacant after Nana Patole (Congress) resigned from the office in February 2021.
- The Deputy Speaker Narhari Zirwal was playing as an acting Speaker in the House.
- Maharashtra Governor: Bhagat Singh Koshiyari; Chief minister: Eknath Shinde; Deputy CM: Devendra Fadnavis.

MARYNA VIAZOVSKA BECOMES SECOND WOMAN TO WIN FIELDS MEDAL

- Ukrainian mathematician, Maryna Viazovska has been named as one of four recipients of the 2022 Fields Medal for mathematics.
- She is the second woman to win the Fields Medal after Maryam Mirzakhani (Iranian), who received the prize in 2014.
- Other winners: Frenchman Hugo Duminil-Copin, Korean-American June Huh, Britisher James Maynard
- The Fields Medal is awarded by the International Mathematical Union (IMU).
- Award: citation and a cash prize of 15,000 Canadian dollars

AVIVA INDIA APPOINTS ASIT RATH AS CEO AND MD

- Asit Rath has been appointed as the new chief executive officer and managing director of Aviva India, with effect from July 11, 2022.
- He will replace Amit Malik, who is leaving the business after 10 years.
- Currently, He is working as the CEO of Prudential Myanmar Life Insurance.
- Aviva India is a JV between Dabur Invest Corp and Aviva International Holdings Limited (UK-based insurance group).
- Since 1834, Aviva International has been associated with India.

SPORTS

JHULAN GOSWAMI RETIREMENT: INDIAN LEGEND RETIRES FROM ALL FORMATS

- India women's team bowling legend Jhulan Goswami announced her retirement from international cricket on 23rd sep adding that the team's third and final ODI against England at Lords' will be her last.
- The 39-year-old lanky pacer played 283 international matches during her glittering career while taking 353 wickets.
- A bulk of that came in the ODIs as she took 253 wickets in 203 matches in the format.
- Addressing media ahead of her farewell game, Goswami revealed she has been thinking about retirement for a while now but mostly injuries kept her from calling it a day.

FORMER HOCKEY CAPTAIN, DILIP TIRKEY ELECTED AS HOCKEY INDIA PRESIDENT

- Dilip Tirkey (former India hockey captain) was unanimously elected as Hockey India (HI) president.
- He was member of the gold medal-winning team at the 1998 Asian Games.
- He has a record 412 international matches as a defender in his career spanning more than 15 years.
- He represented India at the Olympic Games in Atlanta in 1996, Sydney in 2000, and Athens in 2004.
- Bhola Nath Singh was elected the secretary general.

FORMER GOALKEEPER, KALYAN CHAUBEY BECOMES NEWS PRESIDENT OF AIFF

- Former goalkeeper, Kalyan Chaubey (45) has been elected as the president of All India Football Federation (AIFF).
- He has defeated India's football team captain, Bhaichung Bhutia by 33-1.
- In the 85-year history of federation, this was the first time a former player was elected president.
- The elections has been conducted after the Supreme Court disbanded the court-appointed Committee of Administrators in order to revoke a FIFA ban on the country's football body.

APEKSHA BECOMES FIRST INDIAN WOMAN TO REACH WJS CHAMPIONSHIP FINAL

- Apeksha Fernandes (17) becomes the first Indian woman to reach the final of the World Junior Swimming Championships.
- She has finished eighth in the 200m women's butterfly summit clash in Lima, Peru.
- She clocked 2:19.14 to finish last in the eight-swimmer final.
- Her previous best was 2:18.39 set in June which is awaiting ratification by the Swimming Federation of India.
- Vedaant Madhavan was disqualified due to a false start in the men's 200m freestyle event heats.

PALLATHURUTHY BOAT CLUB WINS 68TH EDITION OF NEHRU TROPHY BOAT RACE



- Pallathuruthy boat club has won the 68th edition of Nehru Trophy for a boat race, was organised on Punnamada lake, Alappuzha district of Kerala.
- 'Mahadevikkadu Kattil Thekkethil' by Pallathuruthy boat club won the trophy.
- While NCDC Boat club's 'Nadubhagam' of Kumarakam has secured the second place in the race.
- The boat of Pallathuruthy boat club has won the title by clearing the distance of 1.15 km in 4.30.77 minutes.
- This is the third time that Pallathuruthy won trophy.

ANISHKA BIYANI WINS GOLD IN MALAYSIAN AGE GROUP RAPID CHESS CHAMPIONSHIP

- Anishka Biyani (6) has won the gold medal in the Malaysian Age Group Rapid Chess Championship at Kuala Lumpur.
- She is a first-grade student of Dhirubhai Ambani school and achieved the feat in the Under-6 Open category.
- She has also qualified as one of the best under-7 players in the All India FIDE rating chess tournament held in Yousufguda, Hyderabad.
- She is currently preparing for the Singapore Open National Age Group Championship.

NEERAJ CHOPRA BECOMES FIRST INDIAN TO WIN 2022 ZURICH DIAMOND LEAGUE



- Gold medallist javelin thrower, Neeraj Chopra has become the first Indian to win the prestigious Zurich Diamond League Final 2022 in Switzerland with best throw of 88.44m.
- While, Olympic silver medallist, Jakub Vadlejch of Czech Republic has finished second with a best throw of 86.94m.
- Julian Weber of Germany was third with a best of 83.73metre.
- He was also awarded a USD 30,000 prize money and a wild card for the 2023 World Athletics Championships in Hungary.

BANGLADESH CRICKETER MUSHFIQUR RAHIM RETIRES FROM T20 INTERNATIONALS

- Former Bangladesh captain, Mushfiqur Rahim has announced his retirement from Twenty20 international cricket.
- He would continue to take part in the Bangladesh Premier League, other two formats of the game (Test and ODI) and other Twenty20 franchise tournaments.
- His decision came after Bangladesh lost their Group B matches in the Asia Cup against Afghanistan and Sri Lanka in UAE.

IN FOOTBALL, INDIA BEAT NEPAL 4-0 TO CLINCH SAFF U-17 CHAMPIONSHIP TITLE IN COLOMBO

- India has secured the South Asian Football Federation (SAFF) U-17 Championship title after defeating Nepal by 4-0 in the final in Colombo, Sri Lanka.
- India has played well to lift the title for the fourth time (2013, 2017, 2019, 2022).
- India captain, Vanlalpeka Guite has named the Most Valuable Player of the Tournament, while goalkeeper, Sahil won the Best Goalkeeper awards
- SAFF members: Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka.

NSDF SIGNS MOU WITH NTPC AND REC FOR DEVELOPMENT OF SPORTS IN INDIA

- National Sports Development Fund (NSDF) has signed an MoU with National Thermal Power Corporation (NTPC) and Rural Electrification Corporation (REC).
- Reason: For the development of sports in India.
- NTPC and REC have been provided financial support of 215 crore rupees for the development of sports.
- NTPC: Contributed an amount of Rs115 crore for Archery (5 years).
- REC: Committed an amount of Rs 100 crore to support Women's Hockey, Athletics and Boxing (3 years).

SURESH RAINA ANNOUNCES RETIREMENT FROM ALL FORMATS OF CRICKET

- Indian Cricketer, Suresh Raina, fondly known as Mr. IPL, has announced his retirement from all formats of cricket.
- Suresh Raina has represented India in 18 tests, 226 ODIs and 78 T20s in his 13 years of international cricket career.
- He has 5615 runs from 226 ODIs and 1605 from 78 T20Is for India.
- He was part of the Indian cricket team that has won the 2011 World Cup and 2013 Champions Trophy under Dhoni's leadership.

SRI LANKA DEFEAT PAKISTAN TO LIFT 2022 ASIA CUP TITLE IN DUBAI



- In the 15th edition of the Asia Cup, Sri Lanka has lifted 6th Asia Cup title after defeating Pakistan by 23 runs at the Dubai International Stadium, UAE.
- Sri Lanka all-rounder, Wanindu Hasaranga has been selected as the Player of the Series.
- While Bhanuka Rajapaksa (Sri Lankan) has been named the Player of the Match for his batting performance in the final.
- International Cricket Council (ICC) HQ: Dubai, UAE; Chairman: Greg Barclay.

AUSTRALIA CAPTAIN, AARON FINCH ANNOUNCED RETIREMENT FROM ODI CRICKET



- Australia captain, Aaron Finch has announced his retirement from one-day international cricket following the final game of a three-match series against New Zealand.
- He had an impressive record that includes over 5400 runs with 17 centuries under his name.
- He has made his debut against Sri Lanka at the Melbourne Cricket Ground (MCG) in 2013 and smashed his maiden hundred against Scotland, scoring 148 runs.

VINESH PHOGAT WINS BRONZE IN WORLD WRESTLING CHAMPIONSHIPS IN SERBIA

- Vinesh Phogat has clinched a bronze in 53 kilogram category at the World Championships, in Belgrade, Serbia.
- She becomes the first Indian woman wrestler to win two medals at the World Championships.
- She has defeated reigning European champion, Emma Malmgren of Sweden.
- This is her second bronze medal at the Championships.
- She had previously won the bronze in the 2019 edition of the tournament at Nur-Sultan, Kazakhstan.

BANGLADESH BEAT NEPAL TO CLINCH MAIDEN 2022 SAFF WOMEN'S CHAMPIONSHIP TITLE

- Bangladesh has secured the maiden SAFF Women's Championship title at the Dashrath Rangshala Stadium in Kathmandu, Nepal.
- The Bangladesh has defeated hosts Nepal by 3-1 in the finals.
- Sabina Khatun (Bangladesh skipper) has become the top scorer of the tournament with 8 goals in 5 matches.
- She was also named as the Most Valuable Player of the tournament for her extraordinary game.
- The Bangladesh won the fair play award also.
- Best goalkeeper: Rupna Chakma (Bangladesh)

BENGALURU FC LIFTS MAIDEN DURAND CUP BY DEFEATING MUMBAI CITY FC

- Bengaluru FC has defeated Indian Super League (ISL) giants Mumbai City FC by 2-1 to clinch the 131st edition of the Durand Cup at the Vivekananda Yuba Bharati Krirangan in Kolkata.
- The goal by Alan Costa in 61st minute gave Bengaluru FC the winning lead against Mumbai.
- The first edition of the competition was played in 1888.
- The club is owned and operated by the Mumbai-based company JSW Group and its managing director Sajjan Jindal.

RIL PARTNERS IOA FOR FIRST-EVER INDIA HOUSE AT PARIS OLYMPICS 2024

- Reliance Industries Ltd (RIL) has come into partnership with Indian Olympic Association (IOA), which would involve the setting up of first-ever India House at Paris Olympics 2024.
- Aim: To elevate the performances of Indian athletes, support the national sports federations and build the credentials of India.
- This partnership will support Indian athletes in major events including the CWG, Asian Games, and the Olympics Games.
- IOA President: Anil Khanna (Acting)

CZECH'S LINDA FRUH-VIRTOVA WINS MAIDEN WTA CHENNAI OPEN TITLE



- Linda Fruhvirtova (Czech Republic) has secured the 2022 WTA Chennai Open after beating third seed, Magda Linette (Poland) by 4-6, 6-3, 6-4 at the SDAT Stadium, Chennai.
- At 17 years and 141 days old, she is the youngest titlist of the season on the WTA Tour so far.
- She is the youngest singles champion on tour since Coco Gauff won Parma last year at 17 years, 70 days old.
- Doubles WTS Chennai Open: Gabriela Dabrowski and Luisa Stefani.

BANKING & FINANCIAL AWARENESS

UCO BANK BECOMES FIRST LENDER TO GET RBI'S APPROVAL FOR RUPEE TRADE

- UCO Bank has received the Reserve Bank of India's (RBI's) approval to open a special vostro account with Gazprombank of Russia for trade settlement in Indian rupees.
- This is the first bank to receive RBI's approval after the RBI's decision to allow Indian banks to settle trade in Indian currency in July.
- Gazprombank of Russia was set up by world's largest gas producer and exporter Gazprom.
- Aim: To provide banking services for gas industry enterprises

SEBI PERMITS REITS, INVITS TO ISSUE COMMERCIAL PAPERS

- SEBI has allowed emerging investment vehicles, Real Estate Investment Trust (REIT) and Infrastructure Investment Trust (InvIT), to issue commercial papers.
- Reason: In August 2022, RBI has indicated that InvIT and REIT having net worth of at least Rs 100 crore are eligible to issue commercial paper.
- Condition: They need to abide by the guidelines prescribed by RBI for issuances of commercial papers and follow the conditions of listing norms prescribed by Sebi.

WORLD BANK APPROVES USD 350 MILLION LOAN TO GUJARAT

- The World Bank has approved a USD 350 million (Approx ₹2,832 crore) loan to Gujarat for "Systems Reform Endeavours For Transformed Health Achievement In Gujarat (SRESTHA-G)".
- Reason: For augmenting health services with primary focus on adolescent girls and disease surveillance in the state.
- Funded by: International Bank of Reconstruction and Development (IBRD)
- Maturity: 18 years (including a grace period of 5.5 years)

UNION BANK OF INDIA INAUGURATED ETHICAL HACKING LAB

- Union Bank of India opens ethical hacking lab: Union Bank of India has inaugurated 'Ethical Hacking Lab' at the Cyber security Centre of Excellence (CCoE) in Hyderabad.
- The aim of this unique initiative is to build cyber defence mechanism to safeguard the Bank's Information Systems, Digital Assets, Channels etc.
- The Ethical Hacking Lab was inaugurated by Ms. A. Manimekhalai, MD & CEO, Union Bank of India in presence of Executive Directors Shri Nitesh Ranjan, Shri Rajneesh Karnatak, and Shri Nidhu Saxena.

CURRENT ACCOUNT DEFICIT WIDENS TO 2.8% OF GDP IN QUARTER ONE OF FY23

- As per the data released by the Reserve Bank on India's Balance of Payments during the First Quarter (April-June) of 2022-23, the current account balance recorded a deficit of USD 23.9 billion (2.8 per cent of GDP) in the first quarter, up from USD 13.4 billion (1.5 per cent of GDP) in January-March period of the last fiscal.
- India's current account deficit, a key indicator of the balance of payment position, widened to 2.8 per cent of GDP at USD 23.9 billion in the first quarter of the current financial year, mainly on account of a higher trade deficit.

RBI PROJECTS 7% GDP GROWTH FOR FY23, INFLATION REMAIN 6.7%

- The Reserve Bank of India's (RBI) Monetary Policy Committee (MPC) on 30 September hiked the repo rate by 50 basis points (bps) to 5.90 per cent with immediate effect, RBI Governor Shaktikanta Das announced.
- This is the fourth rate hike by the central bank in this financial year. Prior to this, the RBI had raised the repo rate - by 40 bps in an off-cycle meeting in May and 50 bps in June and August.
- The market experts expected the MPC to raise the repo rate by 50 basis points (bps) in this meeting to tame the raging inflation and a falling rupee which hit an all-time low earlier this week following a strengthening of the dollar.

BANK OF BARODA'S ARM LAUNCHES SNAPDEAL BOB JCB RUPAY CREDIT CARD



- BOB Financial Solutions Ltd has joined hands with Snapdeal in association with National Payments Corporation of India (NPCI) and Japan's JCB International Co. Ltd to launch the "Snapdeal BoB JCB RuPay Credit Card".
- It is co-branded contactless credit card.
- User will receive up to 5% unlimited cashback (accrued as 20 reward points on every ₹100 spent) on the Snapdeal app and website.
- It offers 10 Reward points per ₹100 spent on online spends.

RBI ISSUES GUIDELINES ON DIGITAL LENDING TO PROTECT BORROWERS

- The Reserve Bank of India (RBI) has released new guidelines on digital lending.
- The central bank has given regulated entities (RE) till November 30th to put in place adequate systems and processes to ensure that 'existing digital loans' comply with fresh lending guidelines.
- The new norms are applicable to both 'existing customers availing fresh loans' and to 'new customers getting onboarded'.
- These have come into effect from September 1st, 2022 onward.

AIRTEL PAYMENTS BANK ROLLING OUT 1.5 LAKH MICRO ATMS THIS FISCAL

- Airtel Payments Bank has started rolling out 1.5 lakh micro ATMS in a phased manner across tier 2 cities and semi-urban regions to facilitate cash withdrawal for its customers.
- The Bank will gradually expand its service to cover more banking points in a phased manner.
- Micro ATMs will be rolled out in a phased manner. Initially, the bank will place 1,50,000 units in Tier II cities and semi-urban regions. These regions typically have a high demand for cash withdrawal services but limited access to ATMs.
- The bank will leverage its strong network of over 5 lakh banking points across India to give users access to easy cash withdrawals through this initiative, it added.
- The company has plans to finish the rollout of 1.5 lakh micro ATMs by the end of the current fiscal.

INDUSIND BANK, ADB PARTNER TO SUPPORT SUPPLY CHAIN FINANCING

- IndusInd Bank has signed an agreement with Asian Development Bank (ADB) to provide support and promote supply chain finance (SCF) solutions in India.
- The bank has entered into a partial guarantee programme with ADB with an initial outlay of USD 70 million (₹560.0 crore).
- Aim: To grow IndusInd Bank presence in MSME financing.
- This partnership will further strengthen various initiatives of the bank in this domain.

INDIA'S FOREX RESERVES DECLINE BY \$3 BILLION TO \$561 BILLION

- As per the official data of RBI, India's foreign exchange (forex) reserves has been declined to \$561 billion in the week ending August 26, 2022.
- India's FER has declined sharply in recent months as the RBI continues to intervene in the currency markets to defend the rupee.
- The value of gold reserves also fall down by \$271 million to \$39.643 billion during the week ended August 26.
- The value of India's SDRs with IMF has also declined by \$155 million to \$17.832 billion.

SEBI RESTRUCTURED PANEL ON CYBER SECURITY



- The Securities and Exchange Board of India has restructured its panel on cyber security that recommends measures to safeguard the capital markets from such attacks.
- The committee will be chaired by Navin Kumar Singh, DG at National Critical Information Infrastructure Protection Centre (NCIIPC)
- Earlier, The committee had only four members but now it has six members.
- Other members: Sanjay Bahl, H Krishnamurthy, Sandeep Shukla and Debdeep Mukhopadhyay, Sugata Gangopadhyay.

DEFENCE & TECH.

INDIA TO RECEIVE ITS FIRST 100% ETHANOL AND ELECTRIC CAR

- India will receive its first flex-fuel vehicle that run on ethanol blended petrol and battery in October 2022.
- The Flex Fuel Strong Hybrid Electric Vehicles (FFV-SHEV) will be imported from Brazil to use as a pilot.
- Aim: To assess its performance in terms of reduced carbon emissions.
- The road transport ministry has notified the guidelines regarding FFV and FFV-SHEV.
- The automobile manufacturers are advised to manufacture vehicles complying with BS- 6 standards.

ISRAELI NAVY TEST FIRES GABRIEL V ANTI-SHIP MISSILE FROM SA'AR 6 CORVETTE

- The Israeli Navy has completed a complex test of the Gabriel V anti-ship missile system.
- This was the first anti-ship missile test from the new Sa'ar 6 corvette of the Israeli Navy.
- The missile was manufactured by Israel Aerospace Industries, IAI.
- Range: over 200 km
- Seeker: Active radar seeker with advanced anti-jam features, all-weather capability, wide search range, and good discrimination resolution
- Length: 5.5 m; Weight: 1250 kg

ISRO DEVELOPS MICROPROCESSOR-CONTROLLED SMART LIMBS

- ISRO's Vikram Sarabhai Space Centre has developed an intelligent artificial limb, under an MoU with National Institute for Locomotor Disabilities, Pt. Deendayal Upadhyaya National Institute for Persons with Physical Disabilities (Divyangjan). Weight: 1.6 kg It has enabled an amputee to walk about 100 metres in the corridor with minimum support.
- It is a microprocessor-controlled knees (MPKs) that offers extended capabilities for the amputee.

TATA MOTORS LAUNCHES ITS FIRST ELECTRIC HATCH TIAGO.EV WITH SEGMENT-FIRST PREMIUM FEATURES

- Tata Motors launched its first-ever EV offering in the hatch segment - The Tiago.ev, at an attractive introductory price of INR 8.49 Lakh (All India - Ex-Showroom).
- Available in 5 colours - Teal Blue, Daytona Grey, Pristine White, Midnight Plum and Tropical Mist, the Tiago.ev will come in two battery and charging options including a 24kWh battery pack and a 19.2kWh battery pack.
- Tiago.ev is based on the Ziptron technology - Tata Motors' in-house developed globally competitive high voltage architecture designed for unique Indian driving and weather conditions. True to Ziptrons' 5 key pillars, the Tiago.ev stands strong

on Performance, Technology, Reliability, Charging and Comfort. The Ziptron EV architecture is driven and proven over 500 million km across diverse and challenging Indian terrains making it apt for an exhilarating EV experience.

BEL, SMITHS DETECTION INDIA SIGN MOU TO MANUFACTURE SCANNING SYSTEMS

- Bharat Electronics Limited (BEL) has signed an MoU with Smiths Detection for offering advanced, high-energy scanning systems to the Indian market.
- The MoU will leverage the high-end, technological capabilities of both the firms to meet India's domestic security needs.
- The MoU was signed in line with the Indian Government's 'Make in India' initiative.

UNION MINISTER NITIN GADKARI UNVEILS INDIA'S FIRST LNG-FUELLED GREEN TRUCK

- Union Minister of Road Transport and Highways, Nitin Gadkari has inaugurated India's first Liquefied Natural Gas (LNG) fuelled green truck in Chakan near Pune.
- It was manufactured by the Blue Energy Motors, a start-up backed by a Singapore-based firm.
- The trucks are powered by Iveco FPT, global powertrain brand of Iveco Group.
- The engines of truck generate high torque and help trucks deliver best in class TCO (total cost of ownership).

ISRO SUCCESSFULLY TEST INFLATABLE AERODYNAMIC DECELERATOR

- Indian Space Research Organisation (ISRO) has successfully demonstrated a new technology with Inflatable Aerodynamic Decelerator (IAD).
- It was designed and developed by ISRO's Vikram Sarabhai Space Centre (VSSC).
- IAD is a game-changer with multiple applications for future missions including to Mars and Venus.
- The IAD was successfully test flown in a 'Rohini' sounding rocket from Thumba Equatorial Rocket Launching Station.

DRDO AND INDIAN ARMY SUCCESSFULLY CONDUCTED SIX FLIGHT-TESTS OF QRSAM



- DRDO and Indian Army have successfully conducted six flight-tests of Quick Reaction Surface to Air Missile (QRSAM) system from Integrated Test Range, Chandipur off the Odisha coast.
- Aim: To check the pin-point accuracy of the weapon system with state-of-the-art guidance and control algorithms
- It is a canister-based system.
- It is stored and operated from specially designed compartments.
- Range: 30 km (short-range SAM)
- Altitude: up to 10 km

INDIA & UK CONDUCTS COUNTER RANSOMWARE EXERCISE FOR 26 NATIONS

- National Security Council Secretariat (NSCS) of India and the UK Government in collaboration with BAE Systems have successfully designed & conducted the Cyber Security Exercise for 26 Countries.
- Aim: To simulate a large, wide-spread cyber security incident affecting organisations within a country.
- It is a part of the International Counter Ransomware Initiative-Resilience Working Group.
- This initiative is being led by India under the leadership of NCSC.

SINGAPORE'S MERITORIOUS SERVICE MEDAL TO FORMER NAVY CHIEF SUNIL LANBA

- Former India Chief of Naval Staff, Admiral Sunil Lanba has been conferred Singapore's prestigious military award, the Pingat Jasa Gemilang (Tentera) or Meritorious Service Medal (Military) (MSM(M)), by President Halimah Yacob. Admiral Lanba has been conferred the award for his outstanding contributions in enhancing the strong and long-standing bilateral defence relationship between the Indian Navy and the Republic of Singapore Navy.
- Both navies concluded the Bilateral Agreement for Navy Cooperation in November 2017 and the Implementing Arrangement for Mutual Coordination, Logistics and

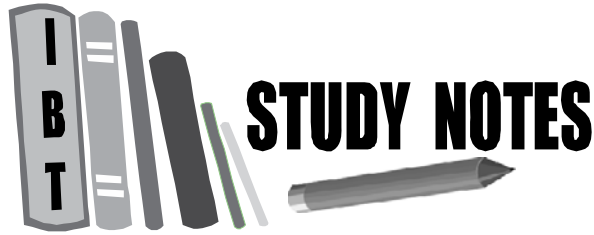
Services Support in June 2018, which established the framework for greater Navy-to-Navy interactions and expanded collaboration in areas of mutual interest such as submarine rescues, maritime-security information-sharing and logistics support.

NASA PICKS AXIOM SPACE TO MAKE ARTEMIS III SPACESUITS

- NASA has selected Axiom Space to develop a moonwalking system for the Artemis III
- Artemis will put humans back on the surface of the Moon for the first time in 50 years.
- The contract, with a base value of \$228.5 million is a task order to develop the next-generation Artemis spacesuit.
- The space agency used its 50 years of spacesuit experience to define the technical and safety requirements for the next generation of spacesuits.

ARMY, AIR FORCE CONDUCT JOINT EXERCISE 'GAGAN STRIKE' IN PUNJAB

- Army's Kharga Corps and the Indian Air Force conducted a joint exercise to showcase the might and prowess of the armed forces.
- Termed "Gagan Strike", the exercise was conducted over a period of four days in several areas of Punjab, bordering Ambala in Haryana.
- The force multiplier effect of combining these machines with ground operations has enhanced the combat superiority of our forces.



Quantitative Aptitude

WHAT IS RATIO?

Ratio is a mathematical term used to compare two similar quantities expressed in the same units. The ratio of two terms 'x' and 'y' is denoted by $x : y$. In ratio $x : y$, we can say that x as the first term or antecedent and y, the second term or consequent.

In general, the ratio of a number x to a number y is defined as the quotient of the numbers x and y i.e. x/y .

Example: The ratio of 25 km to 100 km is 25:100 or 25/100, which is 1:4 or $1/4$, where 1 is called the antecedent and 4 the consequent.

Note that fractions and ratios are same; the only difference is that ratio is a unit less quantity while fraction is not.

COMPOUND RATIO

Ratios are compounded by multiplying together the fractions, which denote them; or by multiplying together the antecedents for a new antecedent, and the consequents for a new consequent. The compound

of $a : b$ and $c : d$ is $\frac{a \times c}{b \times d}$ i.e. $ac : bd$.

Example 1: The sum of three numbers is 98. If the ratio between the first number and second number be 2 : 3 and that between the second and third be 5 : 8, then find the combined ratio.

Sol: The ratio among the three numbers is

Let $A : B = 2 : 3$

Let $B : C = 5 : 8$

$A : B : C$

2 : 3

5 : 8

10 : 15 : 24

Example 2: Divide 1458 into two parts such that one may be to the other as 2 : 7.

Sol: First part = $2 \times \frac{1458}{2+7} = 2 \times \frac{1458}{9} = 324$

Second part = $7 \times \frac{1458}{2+7} = 7 \times \frac{1458}{9} = 1134$

Consider the two ratios:

1st ratio 2nd ratio

6 : 18 8 : 24

Since 6 is one-third of 18, and 8 is one-third 24, the two ratios are equal. The equality of ratio is called proportion.

The number 6, 18, 8 and 24 are said to be in proportion.

The proportion may be written as $6 : 18 :: 8 : 24$ (6 is to 18 as 8 is to 24)

Or, $6 : 18 = 8 : 24$

Or, $6/18 = 8/24$

If four quantities be in proportion, the product of the extremes is equal to the product of the means.

Example: Let the four quantities 3, 4, 9 and 12 be in proportion, We have

$$\frac{3}{4} = \frac{9}{12}$$

Cross multiply numbers

$$3 \times 12 = 4 \times 9$$

Three quantities of the same kind are said to be in continued proportion when the ratio of the first to the second is equal to the ratio of the second to the third.

The second quantity is called mean proportion between the first and third; and the third quantity is called the third proportional to the first and second.

Ex: Find the fourth proportional to the numbers 6, 8 and 15

Sol: If x be the fourth proportional, then $6 : 8 = 15 : x$

$$\therefore x = \frac{(8 \times 15)}{6} = 20$$

PRACTICE QUESTIONS

1. A jeweller mixes Silver and Gold in the ratio 3 : 2 in order to make a necklace. The cost of Gold is Rs. 3000 per gram. If the cost of a gram of mixture is Rs. 1950, then what is the price of Silver per gram?
(A) 1150 (B) 1250 (C) 1350 (D) 1450
(E) None of these
2. There are three different containers, first has 60% acid and rest is water. The second has 50% acid and rest is water and third has 40% acid and rest is water. If the three are mixed in ratio 3 : 4 : 3, what will be the percentage of Acid in the mixture?
(A) 40% (B) 45% (C) 48% (D) 50%
(E) None of these
3. Two vessels contain water and milk in the ratio 2 : 3 and 1 : 2. In which ratio the contents of the two vessels have to be mixed to get a new mixture which contains the water and milk in ratio 3 : 5.
(A) 1 : 2 (B) 2 : 3 (C) 3 : 2 (D) 5 : 3
(E) None of the above
4. A jar full of whisky contains 45% alcohol. A part of this whisky is replaced by another containing 21% alcohol and now the percentage of alcohol was found to be 29%. What is the quantity of whisky replaced?
(A) $\frac{2}{3}$ (B) $\frac{1}{2}$ (C) $\frac{1}{3}$ (D) $\frac{2}{5}$
(E) None of these

5. 8 kg of a metal contains $\frac{2}{5}$ Tin and rest is Zinc. Another 6 kg of metal contains $\frac{2}{3}$ Tin and rest is Zinc. What is the ratio of Zinc and Tin in the mixture of these two metals?
(A) 18 : 17 (B) 8 : 15 (C) 17 : 18 (D) 15 : 7
(E) None of these
6. Two containers A and B, contains a mixture of water and acid in the ratio 7 : 2 and 7 : 11 respectively. If equal quantities of these two containers are pour into a third container C, the ratio of water and acid in C will be:
(A) 5 : 7 (B) 7 : 5 (C) 6 : 5 (D) 8 : 7
(E) None of these
7. Liquid X is twice as heavy as water and liquid Y is 12 times as heavy as water. In what ratio should X and Y mixed to make the mixture 4 times as heavy as water?
(A) 2 : 1 (B) 3 : 1 (C) 4 : 1 (D) 3 : 2
(E) None of these
8. Two tanks A and B contain mixtures of milk and water in the ratio 3:2 and 1:1 respectively. The volumes of two tanks are in the ratio 2:3. If contents of both the tank are mixed, the ratio of milk and water?
(A) 15 : 17 (B) 27 : 23 (C) 22 : 27 (D) 19 : 22
(E) None of these
9. A container has 30 litres of water. If 3 litres of water is replaced by 3 litres of spirit and this operation is repeated twice, what will be the quantity of water in the new mixture?
(A) 20 litres (B) 22 litres
(C) 24.3 litres (D) 26.6 litres
(E) None of these
10. In a mixture of 60 Ltr, the ratio of milk and water is 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is
(A) 20 Ltr (B) 30 Ltr (C) 40 Ltr (D) 60 Ltr
(E) None of these
11. The average salary of the entire staff in an office is Rs 7500 per month. The average salary of officers is Rs 25000 and of non officers is Rs 5000. If the number of officers is 15, then find the No of non-officers in the office.
(A) 90 (B) 100 (C) 105 (D) 120
(E) 125
12. In a particular week the average number of people visited the museum is 90. If we exclude the holidays then the average number is increased by 15. Further if we exclude the day which the maximum of 230 visitors visited the museum, then the average become 80. Find the no of holidays in the week.
(A) One (B) Two (C) Three (D) None
(E) Can't be determined

SOLUTIONS

1. Answer is option B

Explanation:

Let Silver and Gold

$$3x : 2x$$

Cost of Silver = S

$$\text{Mixture cost} = \frac{\text{gold} \times 3000 + \text{silver} \times S}{\text{gold} + \text{silver}}$$

$$1950 = \frac{(2x \times 3000 + 3x \times S)}{5x}$$

$$1950 \times 5 = 6000 + 3S$$

$$9750 - 6000 = 3S$$

$$S = \frac{3750}{3}$$

$$S = 1250$$

2. Answer is option D

Explanation:

Container Acid : Water

$$\text{First} \quad 6 : 4 = 10$$

$$\text{Second} \quad 5 : 5 = 10$$

$$\text{Third} \quad 4 : 6 = 10$$

Mixed in the ratio 3 : 4 : 3.

$$\text{First} \quad 6 : 4 = 10 \times 3$$

$$\text{Second} \quad 5 : 5 = 10 \times 4$$

$$\text{Third} \quad 4 : 6 = 10 \times 3$$

After mixing

$$\text{First} \quad 18 : 12 = 30$$

$$\text{Second} \quad 20 : 20 = 40$$

$$\text{Third} \quad 12 : 18 = 30$$

$$\text{Total} \quad 50 : 50 = 100$$

$$\begin{aligned} \text{Acid in the mixture} &= \frac{50}{100} \times 100 \\ &= 50\% \end{aligned}$$

3. Answer is option D

Explanation:

By allegation method

$$\begin{array}{ccc} \text{Water-I} & & \text{Water-II} \\ \frac{2}{5} & & \frac{1}{3} \\ & \searrow \quad \swarrow & \\ & 3 & \\ & \swarrow \quad \searrow & \\ \frac{3}{8} - \frac{1}{3} & & \frac{2}{5} - \frac{3}{8} \\ & = \frac{9-8}{24} : \frac{16-15}{40} \\ & = \frac{1}{24} : \frac{1}{40} \\ & = 5 : 3 \end{array}$$

4. Answer is option A

Explanation:

By allegation method


$$x = 1$$

Reasoning Ability

CALENDAR

As we know the pattern of Calendar questions has slightly changed. For the convenience of students we have put some questions on this new pattern. These questions will be helpful for upcoming SSC exams.

There are two types of questions of calendar

(i) Question with reference day (ii) Questions without reference day

Q.I: It was Sunday on 4th April, 1999. What was the day of the week July 2, 2000?

- (A) Sunday (B) Saturday
(C) Friday (D) Wednesday
(E) None of these

This question is based question with reference day and it will be solved by '**Day Gain Day Loss**' Concept. When we proceed forward by one year, then 1 day is gained and vice-versa.

Example, 9th August 2013 is Friday, therefore 9th August 2014 has to be Friday+1=Saturday. Reverse is also true. When we move backward by one year, then 1 day is lost. 9th August 2014 is Saturday, therefore 9th August 2013 has to be Saturday minus 1=Friday.

And for leap year, we'll add (+2) to proceed for next year.

Following are the steps for first question:

2000 is a leap year so we'll add 2 for next year. Therefore it will be Tuesday on 4th April, 2000. Remaining days until Oct 1 are given below.

Month	Days
April(4 to 30)	26
May	31
June	30
July	2
Total	89

= Tuesday + 89

Divide 89 by 7 to find remainder

$92 = (12 \times 7) + 5$. Hence remainder is 1

Then from above question

= Tuesday + 5 Days

= Sunday (Five days after Tuesday is Sunday)

Q.II. What was the day of the week on 28th May, 2006?

- (A) Thursday (B) Friday
(C) Saturday (D) Sunday
(E) None of these

How to Solve this type of question:

This Question is based on second type' Question without Reference Day' of Calendar question. For these types of questions we have to remember some tables given below:

Table 1:

100	5
200	3
300	1
400, 800, 1200 1600(multiple of 400)	0

Table 2:

0,7	Sunday
1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday

Solution of above question:

28 May, 2006 = (2005 years + Period from 1.1.2006 to 28.5.2006)

Odd days in 1600 years = 0

Odd days in 400 years = 0

5 years = (4 ordinary years + 1 leap year) = $(4 \times 1 + 1 \times 2)$ 6 odd days

Jan. Feb. March April May

$(31 + 28 + 31 + 30 + 28) = 148$ days

148 days = (21 weeks + 1 day) 1 odd day.

Total number of odd days = $(0 + 0 + 6 + 1) = 7$

0 odd day. Given day is Sunday.

QUESTIONS

Q.1. January 1, 2008 is Tuesday. What day of the week lies on Jan 1, 2009?

- (A) Monday (B) Wednesday
(C) Thursday (D) Sunday
(E) None of these

Q.2. What was the day of the week on 17th June, 1998?

- (A) Monday (B) Tuesday
(C) Wednesday (D) Thursday
(E) None of these

Q.3. If the day before yesterday was Thursday, when will Sunday be?

- (A) Tomorrow (B) Today
(C) Two days after today (D) Day after tomorrow
(E) None of these

- Q.4.** What was the day of the week on 2nd July 1984?
 (A) Wednesday (B) Tuesday
 (C) Monday (D) Thursday
 (E) None of these
- Q.5.** On 8th March, 2005, Wednesday falls. What day of the week was it on 8th March, 2004?
 (A) Monday (B) Tuesday
 (C) Wednesday (D) Friday
 (E) None of these
- Q.6.** Today is 3rd November. The day of the week is Monday. This is a leap year. What will be the day of the week of this date after 3 years?
 (A) Monday (B) Sunday
 (C) Friday (D) Thursday
 (E) None of these
- Q.7.** If today is Monday, what will be the day one year and 50 days from now?
 (A) Monday (B) Wednesday
 (C) Thursday (D) Cannot be determined
 (E) None of these
- Q.8.** The year next to 1990 will have the same calendar as that of 1990?
 (A) 1992 (B) 1995
 (C) 1996 (D) 1997
 (E) None of these
- Q.9.** How many values will there be from 26th January 2004, to 15th May 2004?
 (A) 110 (B) 111
 (C) 112 (D) 113
 (E) None of these
- Q.10.** If the second day of a month is a Friday, which of the following would be the last day of the next month which has 31 days?
 (A) Sunday (B) Thursday
 (C) Monday (D) data inadequate
 (E) None of these
- Q.11.** If day after tomorrow is Saturday, what day was three days before yesterday?
 (A) Sunday (B) Tuesday
 (C) Wednesday (D) Thursday
 (E) None of these
- Q.12.** If the first day of the year (other than the leap year) was Friday, then which was the last day of the year?
 (A) Monday (B) Thursday
 (C) Friday (D) Sunday
 (E) None of these

- Q.13.** The first Republic day of India was celebrated on 26th January, 1950. It was
 (A) Monday (B) Thursday
 (C) Friday (D) Wednesday
 (E) None of these
- Q.14.** Which of the following is not a leap year?
 (A) 700 (B) 800
 (C) 1200 (D) 2000
 (E) None of these
- Q.15.** March first is Wednesday. Which month of the same year starts with the same day?
 (A) October (B) November
 (C) December (D) September
 (E) None of these

ANSWERS

1. (C) 2. (C) 3. (A) 4. (C) 5. (A)
 6. (D) 7. (D) 8. (C) 9. (B) 10. (D)
 11. (A) 12. (C) 13. (B) 14. (A) 15. (B)

CLOCK

A clock is an instrument used for indicating and maintaining the time. It is an electronic device that presents the duration of hour, minute and second.

Basic Concepts of clock

- 60 minute spaces trace an angle of 360° . Therefore, 1 minute space traverses an angle of 6°
- **In 1 hour, Minute hand traverses 60 minute space or 360° . Hour hand traverses 5 minute space or 30°**
- The hands of the clock are **perpendicular** in 15 minute spaces apart
- The hands of the clock are in straight line and **opposite** to each other in 30 minute spaces apart.
- The hands of the clock are in straight line when they coincide or opposite to each other.
- The hands of the clock are perpendicular to **each other for 22 times in 12 hours** and for **44 times** in a day.
- The hands of the clock are **opposite** to each other for **11 times in 12 hours** and 22 times in a day.
- The minute hand gains **55 minutes** over hour hand per hour.

Different Types of question are asked from this topic:

- Angle Between the Hands of clock
- Position of Hands of clock
- Faulty clocks
- Time Gained or lost by clock

and basic facts to know are

Speed of hour hand: 0.5° per minute

Speed of minute hand: 6° per minute.

Ex.1. A clock is set right at 8 a.m. The clock gains 10 minutes in 24 hours will be the true time when the clock indicates 1 p.m. on the following day?

Sol. Time from 8 a.m. on a day to 1 p.m. on the following day = 29 hours.

24 hours 10 min. of this clock = 24 hours of the correct clock.

$\frac{145}{6}$ hrs of this clock = 24 hours of the correct clock.

29 hours of this clock = $\left(24 \times \frac{6}{145} \times 29\right)$ hrs of the correct clock = 28 hrs 48 min of the correct clock.

Therefore, the correct time is 28 hrs 48 min. after 8 a.m.

This is 48 min. past 12.

Ex.2. Find the angle between the hour hand and the minute hand of a clock when the time is 3.25.

Sol. At 3 O'clock, Minute hand is at 12 while the Hour hand is at 3. Again the minute hand has to sweep through (30×5) i.e. 150° for reaching the figure 5 to show 25 mins.

Simultaneously the Hour hand will also rotate for 25 mins. Thus starting from the mark, 3 the hour hand

will cover an angle = $\frac{(25 \times 30)}{60} = 12.5^\circ$

Hence, Angle between Hour and the Minute hand = $(60 - 12.5) = 47.5^\circ$

QUESTIONS

Q.1. The angle between the minute hand and the hour hand of a clock when the time is 8:30

- (A) 80 degrees (B) 75 degrees
(C) 60 degrees (D) 105 degrees
(E) None of these

Q.2. At what time between 4 and 5 o'clock will the hands of a watch point in opposite directions?

- (A) 54 past 4 (B) $(53 + \frac{7}{11})$ past 4
(C) $(54 + \frac{8}{11})$ past 4 (D) $(54 + \frac{6}{11})$ past 4
(E) None of these

Q.3. A clock is set right at 5 a.m. The clock loses 16 minutes in 24 hours. What will be the true time when the clock indicates 10 p.m. on 4th day?

- (A) 11 pm (B) 12 pm
(C) 1pm (D) 2 pm
(E) None of these

Q.4. The reflex angle between the hands of a clock at 10.25 is

- (A) $157\frac{1}{2}$ (B) $167\frac{1}{2}$
(C) $197\frac{1}{2}$ (D) $187\frac{1}{2}$
(E) None of these

Q.5. How many times are the hands of a clock at right angle in a day?

- (A) 54 (B) 44
(C) 22 (D) 64
(E) None of these

Q.6. At 3.40, the hour hand and the minute hand of a clock form an angle of?

- (A) 110 (B) 120
(C) 130 (D) 140
(E) None of these

Q.7. How many times in a day, are the hands of a clock in straight line but opposite in direction?

- (A) 11 (B) 33
(C) 44 (D) 22
(E) None of these

Q.8. A watch gains 5 seconds in 3 minutes and was set right at 8 AM. What time will it show at 10 PM on the same day?

- (A) 10:23:20 PM (B) 10:27:41 AM
(C) 08:51:04 AM (D) 09:45:15 PM
(E) None of these

Q.9. An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

- (A) 360 (B) 180
(C) 90 (D) 60
(E) None of these

Q.10. How much does a watch lose per day, if its hands coincide every 64 minutes?

- (A) $33\frac{8}{11}$ (B) $34\frac{8}{11}$
(C) $32\frac{8}{11}$ (D) $35\frac{8}{11}$
(E) None of these

ANSWERS

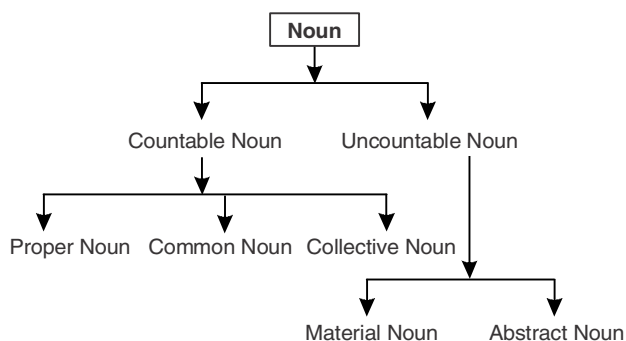
1. (B) 2. (D) 3. (A) 4. (C) 5. (B)
6. (C) 7. (D) 8. (A) 9. (B) 10. (C)

ENGLISH LANGUAGE

NOUN

Noun : A Noun is the name of a person, place, thing, quality, condition and action. as,

Person	:	Mukesh
Place	:	Patna
Thing	:	Pen
Quality	:	Honesty
Condition	:	Illness
Action	:	Movement



1. Countable Noun : The Nouns which can be counted : as, Veena, girl, class etc.

(a) **Proper Noun** : The Noun which denotes a proper person, place or thing : as,

Proper person	Binay, Ajit, Nilu
Proper place	Mumbai, Kolkata, Delhi
Proper thing	Ramayana, Gita, Bible

(b) **Common Noun** : The Noun which denotes common persons, places or things : as,

Common person	Man, woman
Common place	Town, School
Common things	Book, Table

(c) **Collective Noun** : The Noun which denotes a group of persons or other creatures and collection of things. as,

Group of Persons	: A crew of sailors
	A team of players
	A class of students
	An army of soldiers

Collection of things	: A fleet of ships
	A bunch of flowers
	A library of books

1. SOME IMPORTANT COLLECTIVE NOUNS

Collective Noun

A volley of shots
A volley of arrows
A volley of stones
A volley of missiles
A brace of pigeons

A. Collection of people

A board of trustees
A brigade of cavalry
A brigade of artillery
An assembly of representatives
A caravan of pilgrims
A circle of friends
A circle of schemers
A company of actors
A concourse of people
A conference of delegates
A contingent of boy scouts
A corps of volunteers
A council of ministers
A flurry of attentive callers
A gang of convicts
A gathering of people
A guild of artisans
A horde of savages
A mob of rioters
A muster of troops
A panel of jurymen
A pack of knaves
A pose of policemen
A queue of people
a squad of soldiers drilling
A staff of servants
A string of coolies
A school of learned men
A syndicate of businessmen
A tribe of aborigines
A troupe of artisans
A congress of delegates
A congress of representatives
A congregation of worshippers
A contingent of army personnels

Collective Noun

A heap of dust
A heap of stones
A ray of light
A pair of socks
A gust of wind
A bench of judges
A circle of acquaintances
A colony of people
A company of merchants
A conference of preachers
A congregation of pilgrims
A corporation of people
A corps of soldiers
A council of advisers
A gang of thieves
A gang of prisoners
A guild of tradesmen
A horde of barbarians
A host of people
A multitude of people
A panel of judges
A pack of fools
A platoon of musketeers
A procession of people
A senate of concillors
A staff of officials
A stream of visitors
A school of thinkers
A syndicate of merchants
A team of players
A troupe of dancers
A union of workers
A union of tradesmen

B. Collections of animals, birds and insects

A team of oxen	A stud of horses
A litter of puppies	A litter of kittens
A litter of piglings	A leash of hares
A herd of swine	A gaggle of geese
A flight of insects	A drove of cattle
A colony of termites	A brood of chickens
A bevy of swans	An army of ants

C. Collection of things

An anthology of poems	A bale of wood
A batch of loaves	A beam of rays
A cache of arms	A cargo of wheat
A carillon of bells	A cavalcade of memories
A cellar of wine	A chest of drawers
A cluster of islands	A commonwealth of nation
A convoy of lorries	A faggot of sticks
A flotilla of boats	A lump of mud
a lump of coal	A maze of worldly affairs
A mop of grey hair	A pencil of rays
A riot of colours	A rosary of beads
A sheaf of arrows	A tuft of hair
A volley of questions	A volley of abuses

QUESTIONS

Find out the error part of the following sentences :

1. We should not (1)/ try to develop (2)/ any intimacy with (3)/ a group of liars. (4)/ No error (5)
2. A stock of lectures (1)/ on this topic (3)/will be fruitful (3)/ to the students. (4)/No error (5)
3. The robbers (1)/received (2)/ a volley of stones (3)/ from the public. (4)/No error (5)
4. To give any programme (1)/before(2)/such a throng of sincere listeners (3)/ is important. (4)/ No error (5)
5. It is difficult (1)/ for me (2)/to carry such a heavy pile of grain (3)/on the held. (4)/No error (5)
6. A herd of horses (1)/has arrived (2)/to join (3)/the race. (4)/ No error (5)
7. A regiment of officials (1)/has been (2)/invited (3)/ to lunch. (4) / No error (5)
8. A shoal (1)/ of wolves (2)/attacked (3)/the travellers. (4)/ No error (5)

9. The police (1)/were trying (2)/to control (3)/ the crowd. (4)/ No error (5)
10. He (1)/ saw (2)/a crew of ships (3)/in the harbour. (4)/ No error (5)
11. Wise (1)/ is (2)/better than (3)/ strength. (4)/ No error (5)
12. He(1)/treats(2)/his servants(3)/with great kind(4)/ No error (5)
13. He (1)/was hated (2)/by all (3)/for his selfish. (4)/No error (5)
14. The principal (1)/ gave him (2)/punishness (3) for telling a lie. (4) / No error (5)
15. He (1)/ wants (2)/ to improve (3)/his reading ableness. (4)/ No error (5)
16. Loyal (1)/to one's country (2)/is the duty (3)/of a citizen. (4)/ No error (5)
17. The lose (1)/of the purse (2)/was reported (3)/ to the teacher. (4)/ No error (5)
18. The writer (1)/got his wife's permittance (2)/to go (3)/ to the cinema. (4)/ No error (5)
19. Without healthiness (1)/there (2)/is (3)/no happiness. (4)/ No error (5)
20. Mr. Thakur (1)/often thinks (2)/of the happy days (3)/ of his childish. (4)/ No error (5)

ANSWER

1. (4) 'A pack of liars' will be used in place of 'A group of liars'.
2. (1) 'A course of lectures' -will be used in place of 'A stock of lectures'.
3. (5) Given sentence is correct.
4. (3) 'An assembly of sincere listeners' will be used in place of 'A throng of sincere listeners'.
5. (3) 'A heavy sheaf of grain' will be used in place of 'A heavy pile of grain'.
6. (1) 'A flight of horses' will be used in place of 'a herd of horses'.
7. (1) 'An army of officials' will be used in place of 'A regiment of officials'.
8. (1) 'A pack' will be used in place of 'a shoal'. 'A pack of wolves' is used in English language.
9. (4) 'The mob' will be used in place of 'the crowd'.
10. (3) 'A fleet of ships' will be used in place of 'A crew of ships'.

11. (1) 'Wisdom' will be used in place of 'wise' in the given sentence. The word— 'wise' is an adjective. An adjective is not used as subject in a sentence but a noun is used as subject in a sentence. The Abstract Noun form of an adjective— 'wise' is wisdom. So, The abstract noun form— 'wisdom' will be used as subject in the given sentence.
12. (4) 'With great kindness' will be used in place of 'with great kind'. Both great and kind are adjectives. An adjective is used to qualify a noun or pronoun but An adjective is not used to qualify an adjective. The abstract noun form of the adjective— 'kind' is 'kindness' So, The abstract noun— 'kindness' is suitable for the meaning of the given sentence.
13. (4) 'His selfishness' will be used in place of 'his selfish' The word— 'his' is a Possessive Adjective. Generally A Possessive Adjective is used before a noun. The Possessive Adjective— 'his' will be used before the noun— 'selfishness' which is the abstract noun form of an adjective— 'selfish'. So, The use of 'his selfishness' is suitable for the meaning of the given sentence.
14. (3) The word— 'punishment' will be used in place of 'Punishness'. The abstract noun form of the verb— 'punish' is 'punishment' but not 'punishness'. Since A noun is used as an object in a sentence. So, The abstract noun— 'punishment' will be used after the verb— 'gave' in the given sentence.
15. (4) The word— 'ability' will be used in place of 'ableness' in the given sentence. The abstract noun form of the adjective— 'able' is ability but not 'ableness'. Since a Possessive Adjective is used before a noun. The Possessive Adjective— 'his' will be used before the noun— 'ability'. So, the use of 'ability' is suitable after 'his reading' in the given sentence.
16. (1) The word— 'loyalty' will be used in place of 'loyal' in the given sentence. The abstract noun form of the Adjective— 'loyal' is 'loyalty'. Generally An adjective is not used as a subject in a sentence but a noun is used as a subject in a sentence. So, The abstract noun— 'loyalty' is suitable for the meaning of the given sentence.
17. (1) The word— 'Toss' will be used in place of 'lose'. The abstract noun form of the verb— 'lose' is 'loss'.

The structure— 'Noun + of + Noun' is used but the structure— 'verb + of + Noun' is not used. So, 'The loss of the purse' is suitable for the meaning of the given sentence.

18. (2) The word— 'permission' will be used in place of 'permittance'. The abstract noun form of the verb— 'permit' is 'permission' but not 'permittance'. The structure— 'Possessive Adjective + Noun + apostrophe 's' [s] + Noun' is used but the structure— 'Possessive Adjective + noun + apostrophe 's' [s] + Adjective' is not used. So, 'his wife's permission' is suitable for the meaning of the given sentence.
- his wife's permission. (3)
- his wife's permittance. (7)
19. (1) The word— 'health' will be used in place of 'healthiness' in the given sentence. The abstract noun form of the adjective— 'healthy' is 'health' but not 'healthiness'. So, The use of the abstract noun— 'health' is suitable for the meaning of the given sentence.
20. (4) The word— 'childhood' will be used in place of 'childish' in the given sentence. The abstract noun form of the noun— 'child' is 'childhood' but not 'childish'. 'Childish' is used as an adjective. A Possessive Adjective is used before a noun or A noun is used after a Possessive Adjective. So, The abstract noun— 'childhood' will be used after the Possessive Adjective— 'his' in the given sentence.

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BANKING AWARENESS

FINANCIAL SYSTEMS IN INDIA

Financial system comprises of financial institutions, financial markets, financial instruments and services. It provides a mechanism by which savings are transformed into investments.

Following are the Components of Financial System

1) FINANCIAL INSTITUTIONS

Financial institutions can be classified into two types i.e. Banking Institutions and Non-Banking Institutions

BANKING INSTITUTIONS – Banking Industry is controlled by the Central Bank of India i.e. RBI. RBI is the apex body which supervises, regulates and develops the monetary system of country. It can be further classified into following

ORGANISED SECTOR – It includes workers employed by government, state owned enterprise and private sector enterprises. It includes:

- a) **Commercial Bank** – It is a type of institution that provides services such as accepting deposits, making business loans and offering basic investment product.
- b) **Co-operative Banks** – Co-operative banks are co-operative organizations which are governed by co-operative societies act 1904.
- c) **Regional Rural Banks** – Regional Rural Banks are local level banking organizations operating in different states of India. RRBs were established in 1975 on the recommendations of Narsimham Committee. It is followed by Regional Rural Banks Act 1976. RRBs are regulated by NABARD (National Bank for Agriculture and Rural Development) act 1981.
- d) **Foreign Banks** – A foreign branch bank is type of that is obliged to follow the regulations of both the home and host countries.

UNORGANISED SECTOR- It consists of all unincorporated private enterprises owned by individuals and households engaged in sale of goods and services. It comprises of following:

- a) **Indigenous Bankers**- Indigenous Bankers are the individuals and partnership firms performing banking

functions. They are local bankers. They can be distinguished as professional money lenders whose primary business is not banking but money lending.

- b) **Money Lenders** – A money lender is a person or a group who typically offers personal loans at a high rate of interest.

NON- BANKING INSTITUTIONS : If the financial institutes have all the same functions but does not allow depositors to issue cheque and withdraw their money from deposits then it is Non Banking Institutions.

It is further classified into:

ORGANISED SECTOR – It includes workers employed by government, state owned enterprise and private sector enterprises. It includes:

- a) **Development Finance Institution** : It is an alternative financial institution which includes microfinance institutions, community development financial institution and revolving loan funds.
- b) **Investment Institutions** : It includes the institutions which mobilize savings of public at large through various schemes and invest these into corporate and government securities.

UNORGANISED SECTOR – It includes number of NBFCs providing financial services such as

- a) **Asset Finance Companies** – Its principle business is to finance physical assets.
- b) **Investment Companies** – It involves in the business of acquisition of securities.

2) FINANCIAL MARKETS

It refers to institutional arrangement for dealing in financial assets and credit instruments of different types such as currency, cheques etc. On the basis of credit requirements it can be categorized in two types i.e. Capital Market and Money Market.

1) Capital Market

The segment of financial market of an economy from long term capital is raised via instruments such as securities, shares, bonds, debentures, mutual funds is known as securities market or capital market.

Components of security market

- a) **SEBI (Securities Exchange Board of India)**

SEBI was first established in 1988 as a non statutory body through a government resolution. It became

an autonomous body by the Government of India on 1992 with SEBI act 1992 with its head office in Mumbai.

b) STOCK EXCHANGES

A physically institutionalized set up where instruments of stock market i.e. shares, debentures, bonds are traded

Presently in India there are 23 stock exchanges working but there are two main Stock Exchanges i.e. BSE (Bombay Stock Exchange) and NSE (National Stock Exchange).

c) FIIs (Foreign Institutional Investor)

Through the Portfolio Investment Scheme, FIIs are allowed to invest in Indian Stock Exchange. FIIs make investments in the markets on the basis of their perceptions of expected returns from such market.

d) Brokers

Broker is a registered member of a Stock Exchange who buys or sells securities on behalf of his client and charges a commission such brokers are also known as commission brokers

2) MONEY MARKET

a) Treasury Bills

It is a short term debt instrument issued by government of India and is presently issued in three tenures i.e. 91 days, 182 days and 364 days.

b) Certificate of Deposit

Certificate Deposit are used by banks and issued to the depositors for a specified period less than one year- they are tradable and negotiable in the market.

c) Commercial Bills

Commercial Bills are issued by the All India Financial Institutions (AIFI), Non Banking Finance Companies (NBFCs), Scheduled Commercial Banks, Merchant Banks, Co-operative Banks and Mutual Funds.

Maturity of these bills is 30 days, 60 days and 90 days.

d) Commercial Papers

It is used by corporate houses of India which should be a listed company. These companies need to obtain a specified credit rating from an agency approved by the RBI such as CRISIL.

e) Mutual Funds

This money market instrument was introduced to provide short term investment opportunity to the individuals.

3) FINANCIAL INSTRUMENTS

It is a claim against a person or an institution for payment of a sum of money or periodic payment in the form of interest or dividend at a specified future date.

Financial Instruments can be classified in two types:

1) CAPITAL MARKET INSTRUMENTS

Capital Market Instruments consist of long term instruments for the period of more than one year.

It includes:

a) **Equity Shares**- Equity shares represent the owner's capital in the company. The holders are the real owners of the company.

b) **Preference Shares** – Preference Shares are shares of company's stock with dividends that are paid out to shareholders before common stock dividends are issued. These shares have their certain preferences as compared to other types of share

c) **Debentures**- A debenture is an acknowledgment of a debt. It is a document under company's seal which provide for the payment of principal sum and interest thereon.

d) **Derivative** – A derivative is a security with a price that is dependent upon or derived from one or more underlying assets. Derivative is itself a contract between two parties based upon the asset or assets.

e) **Bonds**- A bond is a debt investment in which an investor loans money to an entity which borrows a fund for a defined period of time at a variable or fixed rate interest.

It is similar to debentures but the key difference is that it is issued by a government institute.

2) MONEY MARKET INSTRUMENTS

Money Market Instruments consist of short term instruments for a period of up to one year.

It includes:

a) Call Money

The Call Money Market deals in short term finance repayable on demand.

Funds are lent and borrowed without collateral.

Maturity period of call loans varies from one day to fortnight.

b) Treasury Bills

It is a short term debt instrument issued by government of India and is presently issued in three tenures i.e. 91 days, 182 days and 364 days.

4) FINANCIAL SERVICES

Financial Services are economic services which are provided by the financial institutions such as stock exchanges, insurance companies.

Financial services can be classified into two types i.e. Asset Based Services and Fee Based Services

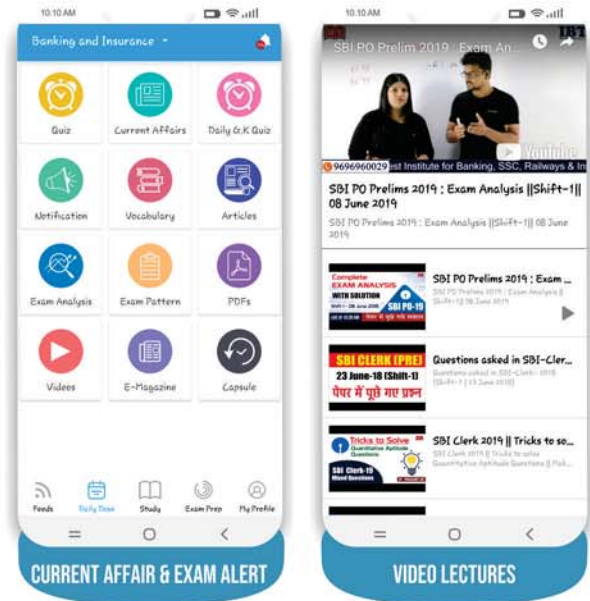
1) Asset Based Services

- a) **Equipment leasing or Lease Financing**- Leasing is an arrangement that provides a firm with the use and control over assets without buying or owning the same.
- b) **Hire Purchase and Consumer Credit**- Hire Purchase means a transaction where goods are purchased and sold on the terms that
- c) **Venture Capital** - The term venture capital represents financial investment in highly risky project with the objective of earning a high rate of return.
- d) **Housing Finance** – Till late 1970s the responsibility to provide finance for house building rested with government of India. But it emerged as a fund based financial service in the country with the setting up of National Housing Bank (NHB) by RBI in 1988.
- e) **Factoring**- A factor is a financial institution which offers services relating to management and financing of debts arising out of credit sales.

2) Fee Based SERVICES

- a) **Merchant Banking**- In this service bank provides consultancy services to its clients for financial, marketing, managerial and legal matters. There are various functions of merchant banking such as :
- b) **Credit Rating**- Credit rating is the process in which debtor is given a rate on the basis of paying back of debt in time. This service is basically provided to the large scale borrowers such as companies.
- c) **Stock Broking**- Stock Broking is a function in which broker buys or sells securities on behalf of its client and charge commission on this transaction.

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Quantitative Aptitude

- $544 \div 16 \times 32 - 766 + 224 = ?$
(A) 342 (B) 424 (C) 546 (D) 625
(E) None of these
- $333.33 + 33.33 + 13 + 0.33 + 0.03 = ?$
(A) 380.2 (B) 399.3 (C) 423.3 (D) 455.4
(E) None of these
- $525 - (13)^2 + 63 = (?)^2 + 95$
(A) 16 (B) 17 (C) 18 (D) 19
(E) None of these
- $(52.5 \times 18 \times 4) \div 9 + 92 = (?)^3$
(A) 7 (B) 8 (C) 9 (D) 11
(E) None of these
- $28 \times 2 \times 864 \div \sqrt{2916} = ? + 540$
(A) 272 (B) 292 (C) 324 (D) 356
(E) None of these
- 2, 2, 3, 6, 15, 45, 157.5, ?
(A) 250 (B) 320 (C) 450 (D) 630
(E) None of these
- 9, 5, 6, 10.5, 23, 60, ?
(A) 132 (B) 148 (C) 164 (D) 183
(E) None of these
- 16, 20, 29, 45, 70, 106, ?
(A) 155 (B) 172 (C) 184 (D) 196
(E) None of these
- 7, 12, 29, 92, 373, ?
(A) 1442 (B) 1654 (C) 1870 (D) 1966
(E) None of these
- 4, 9, 20, 37, 60, 89, ?
(A) 124 (B) 132 (C) 144 (D) 156
(E) None of these
- The investment of Ravi is twice as that of Amit and thrice as that of Sumit. Amit invested for thrice the months than Ravi and twice the months than Sumit. Who will earn the highest profit?
(A) Ravi (B) Amit

- (C) Sumit (D) cannot be determined
(E) None of these

- A, B and C came into a partnership and agree to share profit in the ratio 4 : 6 : 9 respectively. A and C received a total of ₹ 3,900. What is the amount that C and B got together?
(A) ₹ 3,000 (B) ₹ 3,600
(C) ₹ 4,500 (D) ₹ 5,000
(E) None of these
- Rohit and Rahul entered into a partnership investing ₹ 10000 and ₹ 8000 rep. After 3 months Rohan joined them with an investment of ₹ 12000. What is the share of Rahul in a half yearly profit of ₹ 4800?
(A) ₹ 1600 (B) ₹ 2000
(C) ₹ 2400 (D) ₹ 2500
(E) None of these
- Shivaye and Om enter into a partnership with ₹ 50000 and ₹ 60000 respectively. Jai joins them after x months contributing ₹ 70000 and Om leaves x months before the end of the year. If they share the profit in the ratio of 20 : 18 : 21, then the value of x is
(A) 3 (B) 4 (C) 6 (D) 9
(E) None of these
- A man left one-half of the capital for his wife, one-third to his son and the remainder to his daughter. His daughter and wife have the share worth ₹ 3, 00,000. Find the share of the son.
(A) ₹ 90,000 (B) ₹ 1,25,000
(C) ₹ 1,50,000 (D) ₹ 3,00,000
(E) None of these

SOLUTIONS

- (C) $544 \div 16 \times 32 - 766 + 224 = ?$
 $= 1088 - 542 = 546$
- (A) $333.33 + 33.33 + 13 + 0.33 + 0.03 = 380.2$
- (C) $525 - (13)^2 + 63 = (?)^2 + 95$
 $(?)^2 + 95 = 525 - 169 + 63$
 $(?)^2 = 419 - 95 = \sqrt{324} = 18$
- (B) $(52.5 \times 18 \times 4) \div 9 + 92 = (?)^3$
 $\frac{3780}{9} + 92 = (?)^3$
 $420 + 92 = (?)^3$
 $= \sqrt[3]{512} = 8$

5. (D) $28 \times 2 \times 864 \div \sqrt{2916} = ? + 540$

$$\frac{28 \times 2 \times 864}{54} = ? + 540$$

$$= 896 - 540 = 356$$

6. (D) 2, 2, 3, 6, 15, 45, 157.5, ?

$$2 \times 1 = 2$$

$$2 \times 1.5 = 3$$

$$3 \times 2 = 6$$

$$6 \times 2.5 = 15$$

$$15 \times 3 = 45$$

$$45 \times 3.5 = 157.5$$

$$157.5 \times 4 = 630$$

7. (D) $9 \times 0.5 + 0.5 = 5$

$$5 \times 1 + 1 = 6$$

$$6 \times 1.5 + 1.5 = 10.5$$

$$10.5 \times 2 + 2 = 23$$

$$23 \times 2.5 + 2.5 = 60$$

$$60 \times 3 + 3 = 183$$

8. (A) 16, 20, 29, 45, 70, 106, ?

$$\begin{matrix} \vee & \vee & \vee & \vee & \vee & \vee \\ 4 & 9 & 16 & 25 & 36 & 49 \end{matrix}$$

Squares of consecutive numbers, the next term should be $106 + 49 = 155$

9. (C) $7 \times 1 + 5 = 12$

$$12 \times 2 + 5 = 29$$

$$29 \times 3 + 5 = 92$$

$$92 \times 4 + 5 = 373$$

$$373 \times 5 + 5 = 1870$$

10. (A) 4, 9, 20, 37, 60, 89, ?

$$\begin{matrix} \vee & \vee & \vee & \vee & \vee & \vee \\ 5 & 11 & 17 & 23 & 29 & 35 \end{matrix}$$

$$\begin{matrix} \vee & \vee & \vee & \vee & \vee \\ 6 & 6 & 6 & 6 & 6 \end{matrix}$$

There should be $89 + 35 = 124$

11. (B) Ravi : Amit : Sumit

Invest 6x 3x 2x

Time 2y 6y 3y

Profit 12xy 18xy 6xy

Final profit sharing ratio

Ravi Amit Sumit

2 3 1

Hence, Amit will earn the highest profit

12. (C) A : B : C

4x : 6x : 9x

A and C received = 3900

$$A + C = 13x$$

$$13x = 3900$$

$$x = 300$$

$$B + C = 15x$$

$$= 15 \times 300 = 4500$$

13. (A) Rohit = $10000 \times 6 = 60000$

Rahul = $8000 \times 6 = 48000$

Rohan = $12000 \times 3 = 36000$

Profit sharing ratio

Rohit	Rahul	Rohan
60000	48000	36000
5	4	3

$$\text{Rahul's share} = 4800 \times \frac{4}{12} = 1600$$

14. (A) Shivaye there for whole time = 12 months

Invested = 50000

Om's investment = 60000

Time = $12 - x$ months

Jai's investment = 70000

Time = $12 - x$ months

Take any two

$$\frac{\text{Shivaye}}{\text{Om}} = \frac{20}{18}$$

$$\frac{50000 \times 12}{60000 \times (12 - x)} = \frac{20}{18}$$

$$9 = 12 - x$$

$$x = 12 - 9$$

$$x = 3$$

15. (C) Let his total capital = x

$$\text{His wife's share} = \frac{1}{2}x$$

$$\text{His son's share} = \frac{1}{3}x$$

$$\text{His daughter's share} = x - \left(\frac{1}{2}x + \frac{1}{3}x \right) = \frac{1}{6}x$$

$$\text{Wife and daughter's share} = \frac{1}{6}x + \frac{1}{2}x$$

$$= \frac{2}{3}x = 300000 = x = 450000$$

$$\text{Son's share} = 450000 \times \frac{1}{3} = 150000$$

Reasoning Ability

Directions Q (1-5): Study the following instructions and answer the following Questions given below:

X#Y means 'X' is greater than 'Y'.

X\$Y means 'X' is smaller than 'Y'.

X*Y means 'X' is either greater than or equal 'Y'.

X%Y means 'X' is either smaller than or equal to 'Y'.

X&Y means 'X' is equal to 'Y'

Q.1. Statements: – P\$Q, Q%R, R&S, S#T

Conclusions: – I. P#T II. Q&S

- (A) If only conclusion I is true
- (B) If only conclusion II is true
- (C) If either conclusion I or II is true
- (D) If neither conclusion I nor II is true
- (E) If both conclusions I and II are true

Q.2. Statements: – P*Q, Q%R, R&S, S#T

Conclusions: – I. P#R II. R#T

- (A) If only conclusion I is true
- (B) If only conclusion II is true
- (C) If either conclusion I or II is true
- (D) If neither conclusion I nor II is true
- (E) If both conclusions I and II are true

Q.3. Statements: – P#Q, Q%R, R#U, S*P

Conclusions: – I. S#Q II. P#U

- (A) If only conclusion I is true
- (B) If only conclusion II is true
- (C) If either conclusion I or II is true
- (D) If neither conclusion I nor II is true
- (E) If both conclusions I and II are true

Q.4. Statements: – P%Q, R#S, S&Q, P%T

Conclusions: – I. S*P II. R#Q

- (A) If only conclusion I is true
- (B) If only conclusion II is true
- (C) If either conclusion I or II is true
- (D) If neither conclusion I nor II is true
- (E) If both conclusions I and II are true

Q.5. Statements: – Q#P, R&Q, S&R, S#T

Conclusions: – I. P#R II. Q#T

- (A) If only conclusion I is true
- (B) If only conclusion II is true
- (C) If either conclusion I or II is true
- (D) If neither conclusion I nor II is true
- (E) If both conclusions I and II are true

Q.6. What should come in place of question mark to make C > E always true?

$$A = C > B ? E < D$$

- (A) > (B) < (C) > = (D) < =
- (E) both (A) and (C)

Q.7. Which of the following should be placed in the blank spaces in order to complete the given expression such that P < U is always false.

$$_ < = _ < _ > _$$

- (A) PMUR (B) PKUR
- (C) UMPK (D) either A or B
- (E) None of these

Q.8. Which of the following expression is definitely true if the expression P > Q = R > S < T is always true?

- (A) Q > T (B) S < P (C) T > R (D) S = Q
- (E) None of these

Q.9. Which of the following symbol replace the question mark (?) in the given expression in order to make the expression P > R and T < Q definitely true?

$$P > Q ? R > = S = T$$

- (A) < = (B) > (C) < (D) > =
- (E) either (A) or (B)

Q.10. What should come in place of blank spaces to make P > R and R < S always true in the expression P _ Q _ R _ S.

- (A) > =, >, = (B) > =, <, = (C) > =, >, < (D) =, > =, =
- (E) None of these

Directions Q (11-15): Study the following and answer Questions given below:

Eight Reporters P, Q, R, S, T, U, V & W from different News Channels are sitting around a circular table facing the center for meeting. Some of these are females and others are males.

W, who is from India TV, sits third to the right of the one from Times Now. Three people sit between the ones from Aaj Tak and ABP.

Q is not an immediate neighbor of the one from Aaj Tak. S sits sixth to the left of T. Only one person sits between W & Q.

The one from News 24 is the immediate neighbor of the ones from India News and Times Now. U is sitting fifth to the left of the one from ABP, but is not an immediate neighbor of the ones from India News or News 24.

Two males of the group are from India News and NDTV, and they are sitting opposite to each other.

T sits fifth to the left of the one from Zee News, who is one of the six females of the group. The one from News 24 is sitting opposite to the one from India TV

V is not an immediate neighbor of India TV or Times Now, and is sitting fourth to the left of R, the one from NDTV.

Q.11. Who is sitting seventh to the right of P?

- (A) The one from ABP (B) W
- (C) The one from News 24 (D) V
- (E) U

Q.12. Which News channel does T belong to?

- (A) ABP (B) News 24
(C) India News (D) India TV
(E) Aaj Tak

Q.13. If these people made to sit in the alphabetical order, vowels first and then consonants, starting from P, who will be sitting third to the left of S?

- (A) P (B) Q (C) R (D) V
(E) W

Q.14. If P is related to NDTV in the same way T is related to ABP, what is related to Aaj Tak?

- (A) T (B) S (C) P (D) R
(E) Q

Q.15. Who is sitting third to the right of the person who is fifth to the right of the one from India News?

- (A) The one from ABP (B) W
(C) Q (D) The one from India News
(E) None of these

Directions Q (16-20) Study the instructions carefully and answer the questions below:

P J 6 # R 4 Q \$ G C 5 E % F 8 @ I 3 L M 1 U X 7 Y * B ^ V 9

Q.16. How many numbers are there in the above arrangement each of which is immediately preceded by consonant and followed by symbol?

- (A) One (B) Two (C) None (D) Three
(E) More than three

Q.17. 6JP is related to ^V9 similarly Q4R is related to which of the following?

- (A) Y*B (B) UX7 (C) 7Y* (D) U7X
(E) None of these

Q.18. If first twelve elements of above series have reversed then which element will be sixth to the right of fifteenth element from the right end?

- (A) U (B) X (C) I (D) M
(E) None of these

Q.19. If all the vowels are dropped from the arrangement, which of the following will be third to the left of twentieth element from left end?

- (A) B (B) 6 (C) I (D) M
(E) None of these

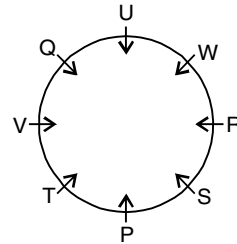
Q.20. Four of the following five are alike in respect of their positions and form a group. Which of the following that does not belong to that group?

- (A) XYB (B) CEF (C) IL1 (D) RQG
(E) @3L

SOLUTIONS

1. (D) 2. (B)
3. (A) 4. (E)
5. (B) 6. (E)
7. (C) 8. (B)
9. (B) 10. (C)

(11-15):



REPORTER	NEWS CHANNEL
P	TIMES NOW
Q	AAJ TAK
R	NDTV
S	ABP
T	NEWS 24
U	ZEE NEWS
V	INDIA NEWS
W	INDIA TV

11. (C) 12. (B)
13. (E) 14. (A)
15. (D) 16. (B)

P J 6 # R 4 Q \$ G C 5 E % F 8 @ I 3 L M 1 U X 7 Y * B ^ V 9

There are two such which are preceded by consonant and followed by symbol highlighted above.

17. (C) 6JP are first three elements written in descending order and ^V9 are last three in descending order. Q4R is one position forward to 6JP. So 7Y* is corresponding elements from last.
18. (A) New Arrangement after reversing first twelve elements
E 5 C G \$ Q 4 R # 6 J P % F 8 @ I 3 L M 1 U X 7 Y * 8 ^ V 9
So U is the element which is sixth to the right of fifteenth element from right end.
19. (D) New Arrangement after dropping Vowels
P J 6 # R 4 Q \$ G C 5 % F 8 @ 3 L M 1 X 7 Y * B ^ V 9
So M is third to left of twentieth element from left end.
20. (E) P J 6 # R 4 Q \$ G C 5 E % F 8 @ I 3 L M 1 U X 7 Y * B ^ V 9
In three elements, first element is two position left of middle element and last element is two position right of middle element. @3L is not according to this pattern.

IMPORTANT QUESTIONS

English Language

QUESTIONS BASED ON READING COMPREHENSION

Direction: Read the paragraphs carefully and answer the questions given below. Certain words/phrase(s) are printed in bold to help you locate them easily while answering the questions.

Paragraph 1: NASA research shows that Jakobshavn Glacier, which has been Greenland's fastest-flowing and fastest-**thinning** glacier for the last 20 years, has made an unexpected about-face. Jakobshavn is now flowing more slowly, thickening, and advancing towards the ocean instead of retreating farther inland. The glacier is still adding to global sea level rise - it continues to lose more ice to the ocean than it gains from snow **accumulation**, but at a slower rate. The researchers conclude that the slowdown of this glacier, known in the Greenlandic language as Sermeq Kujalleq, occurred because an ocean current that brings water to the glacier's ocean face grew much cooler in 2016. Water temperatures in the vicinity of the glacier are now colder than they have been since the mid-1980s. In a study published today in Nature Geoscience, Ala Khazendar of NASA's Jet Propulsion Laboratory in Pasadena, California, and colleagues report the change in Jakobshavn's behavior and trace the source of the cooler water to the North Atlantic Ocean more than 600 miles south of the glacier. The research is based on data from NASA's Oceans Melting Greenland (OMG) mission and other observations.

Paragraph 2: The researchers suspect the cold water was set in motion by a climate pattern called the North Atlantic Oscillation, which causes the Northern Atlantic Ocean to switch slowly between warm and cold every five to 20 years. The climate pattern settled into a new phase recently, cooling the Atlantic in general. This change was accompanied by some extra cooling in 2016 of the waters along Greenland's southwest coast, which flowed up the west coast, eventually reaching Jakobshavn. When the climate pattern flips again, Jakobshavn will most likely start **accelerating** and thinning again. Josh Willis of JPL, the principal investigator of OMG, explained, "Jakobshavn is getting a temporary break from this climate pattern. But in the long run, the oceans are warming. And seeing the oceans have such a huge impact on the glaciers is bad news for Greenland's ice sheet."

Paragraph 3: Jakobshavn Glacier, located on Greenland's west coast, **drains** about 7 percent of the island's ice sheet. Because of its size and importance to sea level rise, scientists from

NASA and other institutions have been observing it for many years. Researchers hypothesized that the rapid retreat of the glacier began with the early 2000s loss of the glacier's ice shelf - a floating extension of the glacier that slows its flow. When ice shelves disintegrate, glaciers often speed up in ____ (1) _____. Jakobshavn has been accelerating each year since losing its ice shelf, and its front (where the ice reaches the ocean) has been retreating. It lost so much ice between 2003 and 2016 that **its thickness, top to bottom, shrank** by 500 feet (152 meters). "Tracing the origin of the cold waters in front of Jakobshavn was a challenge," explained Ian Fenty of JPL, a co-author of the study. "There are enough observations to see the cooling but not really enough to figure out where it came from." Using an ocean model called Estimating the Circulation and Climate of the Ocean (ECCO) to help fill in the gaps, the team traced the cool water upstream (toward the south) to a current that carries water around the southern tip of Greenland and northward along its west coast. In 2016, the water in this current cooled by more than 2.7 degrees Fahrenheit (1.5 degrees Celsius).

Paragraph 4: Although the **last few winter were** relatively mild in Greenland itself, they were much colder and windier than usual over the North Atlantic Ocean. The cold weather coincided with the switch in the NAO climate pattern. Under the influence of this change, the Atlantic Ocean near Greenland cooled by about 0.5 degrees Fahrenheit (1 degree Celsius) between 2013 and 2016. These generally cooler conditions set the stage for the rapid cooling of the ocean current in southwest Greenland in early 2016. The cooler waters arrived near Jakobshavn that summer, at the same time that Jakobshavn slowed dramatically. The team suspects that both the widespread Atlantic cooling and the dramatic cooling of the waters that reached the glacier were ____ (2) ____ by the shift in the NAO. If so, the cooling is temporary and warm waters will return when the NAO shifts to a warm phase once again.

- What about-turn has been made by Jakobshavn Glacier?
 - It retreats farther inland.
 - It has started flowing slowly.
 - It has started flowing towards the ocean.
 - Both (b) and (c)
 - None of the above
- What does "Sermeq Kujalleq" mean?
 - Bringing water to the glacier by an ocean current.
 - Jakobshavn Glacier's losing ice and adding to global sea level rise.
 - Slowing down of the flow of Jakobshavn Glacier.
 - Both (b) and (c)
 - None of the above

3. What does the study published in study "Nature Geoscience" say?
- It discloses the about-turn of Jakobshavn Glacier.
 - It reports the source of the cooler water to the North Atlantic Ocean.
 - It says that the research is based on data from Oceans Melting Greenland mission.
 - Both (a) and (b)
 - None of the above
4. What set the cold water in motion?
- Jakobshavn Glacier will start accelerating and thinning again.
 - Switching of Northern Atlantic Ocean between warm and cold every 5-20 years.
 - A climate pattern i.e. the North Atlantic Oscillation.
 - Both (b) and (c)
 - None of the above
5. What have NASA and other institutions been observing for many years?
- Jakobshavn Glacier is located on Greenland's west coast.
 - Jakobshavn Glacier drains seven percent of the island's ice sheet.
 - The oceans have such a huge impact on the glaciers.
 - Both (a) and (b)
 - None of the above
6. Which of the following words can appropriately **replace** the word "**thinning**" mentioned in the **first** paragraph?
- soaring
 - diminishing
 - dwindling
 - Both (b) and (c)
 - None of the above
7. Which of the following words can appropriately **replace** the word "**accumulation**" mentioned in the **first** paragraph?
- build-up
 - squall
 - dissipation
 - profligacy
 - None of the above
8. Which of the following words is/are **most opposite** to the word "**accelerating**" mentioned in the **second** paragraph?
- delaying
 - decelerating
 - dribbling
 - Both (a) and (b)
 - None of the above

9. Which of the following words is/are **most opposite** to the word "**drains**" mentioned in the **third** paragraph?
- saturate
 - impregnate
 - fills
 - suffuse
 - None of the above
10. Which of the following words will fill the **blank 1**, in **third** paragraph, most appropriately?
- about-face
 - fact
 - response
 - imbue
 - None of the above
11. Which of the following words will fill the **blank 2**, in **fourth** paragraph, most appropriately?
- allocate
 - driven
 - insured
 - Both (b) and (c)
 - None of the above
12. Replace the bold phrase of **first** sentence of **fourth** paragraph.
- last few winters was
 - last few winter was
 - last few winters were
 - last few winter have been
 - No replacement required
13. Replace the bold phrase of sentence – "It lost so much ice between 2003 and 2016 that **its thickness, top to bottom, has shrank** by 500 feet (152 meters)." mentioned in **third** paragraph.
- its thickness, top to bottom, shrank
 - its thickness, top to bottom, shrunk
 - its thickness, top to bottom, shrunken
 - its thickness, top to bottom, has shrink
 - No replacement is required

ANSWER KEY

- | | | | | |
|---------|---------|---------|--------|---------|
| 1. (d) | 2. (c) | 3. (d) | 4. (d) | 5. (b) |
| 6. (c) | 7. (a) | 8. (b) | 9. (c) | 10. (c) |
| 11. (b) | 12. (c) | 13. (a) | | |

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BANKING AWARENESS

1. What would be the New Price Index that would measure inflation ?
 (A) PPI (2011) (B) CPI (2010)
 (C) WPI (2004-2005) (D) RTI
 (E) None of these
2. What is the maximum ceiling on Foreign Direct Investment (FDI) for investment in the equity of Public Sector Banks in India ?
 (A) 20% (B) 26% (C) 49% (D) 51%
 (E) 74%
3. According to 2011 Census, Sex Ratio in India stood at females per 1000 males.
 (A) 933 (B) 965 (C) 947 (D) 940
 (E) None of these
4. Indian Stock Market deals in
 (A) Shares (B) Debentures
 (C) Forward Contracts (D) Mutual Funds
 (E) All of the above
5. Self Help Group' is associated with which of the following Rural Development Programmes ?
 (A) Pradhan Mantri Gram Sadak Yojana
 (B) Swarna Jayanti Gram Swarozgar Yojana
 (C) TRYSEM
 (D) Indira Aawas Yojana
 (E) None of these
6. During which of the following plan period annual growth rate of G.D.P. was registered as 3.6%?
 (A) First five year plan (B) Second five year plan
 (C) Fourth five year plan (D) Fifth five year plan
 (E) None of these
7. Call money is related to-
 (A) Share Market (B) Government Securities
 (C) Post Office Deposit (D) Banks Deposit
 (E) None of these
8. Finance Commission is included in of Indian Constitution.
 (A) Article 340 (B) Article 280
 (C) Article 360 (D) Article 390
 (E) None of these
9. NAMA word is related to which organisation ?
 (A) World Trade Organisation
 (B) UNCTAD
 (C) International Monetary Fund
 (D) World Bank
 (E) None of these
10. SEBI is related to -----
 (A) Bank (B) Government of India
 (B) Share Market (D) State Government
 (E) None of these
11. Which of the following services is NOT provided by the post offices in India ?
 (A) Savings Bank Scheme
 (B) Retailing of Mutual Funds
 (C) Sale of Stamp Papers
 (D) Issuance of Demand Drafts
 (E) None of these
12. Banks are required to pay how much percentage of their net bank credit to Priority Sector in advance ?
 (A) 5% (B) 40% (C) 10% (D) 15%
 (E) None of these
13. According to Banking Regulation Act, RBI can fix SLR upto the ceiling of -
 (A) 40% (B) 50% (C) 60% (D) 75%
 (E) None of these
14. India Development Bond was issued in 1991-92 by --.
 (A) SBI (B) RBI (C) UTI (D) NHB
 (E) None of these
15. Which of the following is not helpful in controlling money supply?
 (A) Free Market Policy
 (B) CRR
 (C) Bank Rate
 (D) Change in Margin Requirement
 (E) None of these
16. The first public sector bank in India which obtained license for Internet Banking from RBI is ---
 (A) Punjab National Bank
 (B) Oriental Bank of Commerce
 (C) Corporation Bank
 (D) State Bank of India
 (E) None of these

17. Which of the following measures can check Inflation?
 (A) Surplus Budgeting
 (B) Increase in direct taxation
 (C) Curtailment in public expenditure
 (D) All of the above
 (E) None of these
18. The RBI's methods of credit control may be broadly divided into -----
 (A) Quantitative and Qualitative
 (B) Open and Close
 (C) Monetary and Fiscal
 (D) Rural and Urban
 (E) None of these
19. Which one of the following is not a liability of commercial banks?
 (A) Time deposits
 (B) Borrowing from Central Bank
 (C) Security holdings
 (D) Demand deposits
 (E) None of these
20. The oldest Central Bank in the world is the -----
 (A) Reserve Bank of India (B) Bank of England
 (C) U S Federal Reserve (D) State Bank of India
 (E) None of these
21. General Insurance Corporation of India (GIC) was formed in -----
 (A) 1972 (B) 1973 (C) 1974 (D) 1975
 (E) None of these
22. 'Open Market Operations' mean sale or purchase in the open market of -----
 (A) Foreign Exchange (B) Goods and Services
 (C) Gold Bullion (D) Government Securities
 (E) None of these
23. According to the Banking Regulation Act, nationalized bank can release a share of total paid up capital up to maximum ceiling of ---.
 (A) 40% (B) 49% (C) 51% (D) 73%
 (E) 100%
24. A policy that cannot be cancelled by the insurer prior to a certain age is called -----
 (a) No-Fault (b) Negligence
 (c) Non-cancellable (d) None of the Above
 (e) None of the above
25. Which Insurance is a compulsory insurance plan administered by a government agency with the primary emphasis on social adequacy?
 (a) Hospital Insurance (b) Hull Insurance
 (c) Group Insurance (d) Social Insurance
 (e) None of the above
26. Which is a liability coverage for contents within a renter's residence?
 (a) Renters Insurance (b) Hull Insurance
 (c) Group Insurance (d) Social Insurance
 (e) None of the above
27. Legal responsibility of a fiduciary to safeguard assets of beneficiaries is termed as -----
 (a) Endorsement (b) Fiduciary Liability
 (c) Escrow Account (d) Earned Premium
 (e) None of the above
28. ----- is a coverage for the policyholder's own property or person.
 (a) First Party Coverage (b) Second Party Coverage
 (c) Third Party Coverage (d) None of the Above
 (e) All of the above
29. Which of the following insurance is mainly used for leased cars?
 (a) Double Insurance (b) Commercial Insurance
 (c) Industrial Insurance (d) Gap Insurance
 (e) None of the Above
30. An organization such as a bank or insurance company that buys and sells large quantities of securities is called -----
 (a) Major Investor (b) Minor Investor
 (c) Institutional Investor (d) Giant
 (e) None of the Above

ANSWER KEY

- | | | | | |
|---------|---------|---------|---------|---------|
| 1. (B) | 2. (A) | 3. (D) | 4. (E) | 5. (B) |
| 6. (A) | 7. (A) | 8. (B) | 9. (A) | 10. (C) |
| 11. (C) | 12. (B) | 13. (A) | 14. (A) | 15. (A) |
| 16. (A) | 17. (D) | 18. (A) | 19. (C) | 20. (B) |
| 21. (A) | 22. (D) | 23. (B) | 24. (a) | 25. (a) |
| 26. (c) | 27. (b) | 28. (a) | 29. (a) | 30. (b) |

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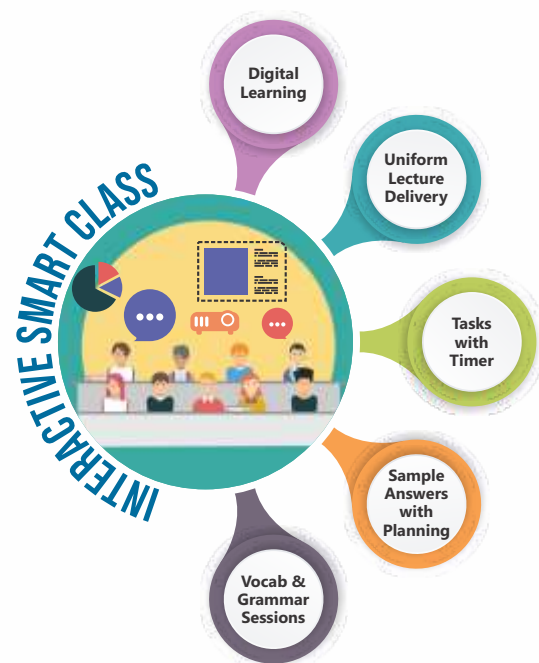
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