

Monthly Current Affairs November 2022



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International Relations

“World’s 1st Hydrogen-Run” Aircraft Engine Tested by EasyJet, Rolls-Royce

Why in News:

- The airline EasyJet and the engine manufacturer Rolls-Royce have successfully tested hydrogen-powered aircraft engines.



key points:

- The business has tested a turboprop fan engine that is utilized in small regional jets.
- Tidal and wind energy were used to produce green hydrogen for testing off the Orkney Islands in Scotland.
- The Pearl 15 jet engine will eventually undergo full-scale ground testing, according to Rolls-Royce.
- In order to help release green hydrogen from water using renewable energy, the UK identified the need for significant investment earlier this year.
- Although blue hydrogen is much more readily available than green hydrogen, environmentalists oppose it because it is made by processing natural gas, which releases carbon dioxide into the atmosphere.

Source: The Hindu

WTO Goods Trade Barometer

Why in News:

- According to the most recent World Trade Organization Goods Trade Barometer, 2022 will see weaker global trade growth and 2023 will see significant headwinds.



key points:

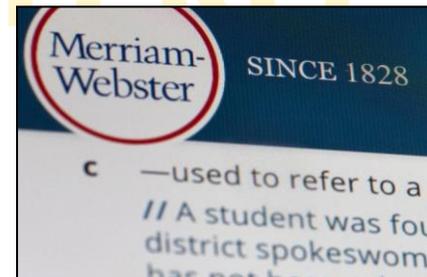
- The World Trade Organization created the Goods Trade Barometer to supplement existing trade statistics and projections.
- Depending on the availability of data, the Goods Trade Barometer is published every quarter.
- Values above 100 on the Goods Trade Barometer show growth above the trend, while values below 100 indicate growth against the trend.
- Despite being slightly below trend, the Container Shipping (99.3) and Raw Material (97.6) indexes have lost momentum, according to the research.
- The research said that the Automotive Products Index, which had a value of 103.8, indicated an above-trend performance mostly as a result of robust vehicle sales in the United States, improving supply circumstances, and a rise in exports from Japan as a result of the yen's depreciation.
- The World Trade Organization's trade projection from October, which expected that the volume of merchandise trade would increase by 3.5% in 2022 and 1% in 2023, is consistent with the most recent goods barometer fall.

Source: The Hindu

Merriam-Webster announced 'Gaslighting' as its Word of the Year 2022

Why in News:

- The world-famous publisher "Merriam-Webster" has named the phrase "Gaslighting" the Word of the Year for 2022.



key points:

- The definition of the phrase given by the dictionary is "the act or practice of deceiving someone significantly, especially for one's own profit."
- Gaslighting is the psychological game of manipulating someone for an extended period of time so that the victim begins to question the veracity of their own beliefs and sense of self.
- Additionally, a business may use gaslighting to deceive the public.
- Gaslighting is essentially mentally cheating on someone.
- The practice of doubting reality while controlling or dominating a person is known as psychological gaslighting.



- Gaslighting is when a person is psychologically interrogated about their existence, their reality, their choices, or their recollections.
- The phrase refers to emotional abuse; when this occurs in a romantic or marital relationship, the victim feels emotionally tormented and is entirely destroyed.
- Through the 1938 production of *Gaslight*, a play by Patrick Hamilton, the phrase "gaslight" as we know it today was first used.
- In the 1940s, two movies based on this play were produced.

Source: Times of India

CITES COP19 held in Panama

Why in News:

- Panama City has hosted the 19th Conference of the Parties (CoP19) gathering for the CITES convention on international trade in endangered species of wild flora and fauna.



key points:

- A second name for CoP19 is the World Wildlife Conference.
- 52 suggestions have been made at the CoP19 meeting in Panama that will change the laws governing international commerce.
- India's rosewood (*Dalbergia sisso*) was added to the convention's Appendix II by CoP19, necessitating adherence to CITES rules for the trade of the species.
- Thalamite will now be a part of the Convention's Appendix II, according to the CoP19 summit.
- At the CoP19 meeting, Operation Tor Shield, India's attempts to halt wildlife crime, received praise.
- India has opted not to cast a vote against the resolution to reopen international commerce in ivory at the CoP19 meeting.
- An international pact between states known as CITES went into effect in July 1975.
- 183 nations are currently parties to CITES.
- To ensure that the trade in wild plants and animals does not pose a threat to their continued existence, CITES was established.

Source: The Hindu



Multidimensional Integrated Stabilization Mission in Mali (MINUSMA)

Why in News:

- In order to assist with the Multidimensional Integrated Stabilization Mission in Mali, India has chosen to send a utility helicopter unit (MINUSMA).



key points:

- Bangladesh and Pakistan will send an armed chopper unit to the operation as part of the Multidimensional Integrated Stabilization Mission (MINUSMA).
- The United Nations Security Council (UNSC) formed the Multidisciplinary Integrated Stabilization Mission in Mali (MINUSMA) in 2013 to stabilize the West African nation in the wake of the Tuareg uprising of 2012.
- The mission was established to aid Mali's political processes and carry out various security-related tasks inside the country. Mali is a war-torn nation.
- Its job is to assist Mali's Transitional Authorities in bringing about political stability and carrying out the Transitional Roadmap.
- In order to preserve civilian security, facilitate national political discussion and reconciliation, aid in the restoration of state authority, and defend human rights in the nation, the UNSC broadened the mission's mandate in 2014.
- A lot of nations are currently leaving MINUSMA because of the high death rate.
- Germany has announced that it will withdraw 595 troops by May 2023, while France and Egypt finished their troop withdrawal by early 2022.
- At the moment, there are no soldiers from India serving with MINUSMA. However, only 18 Indians had worked with it as of September this year.

Source: The Hindu

Illegal Wildlife Trade and Climate Change: Joining the dots released by UNODC

Why in News:

- The United Nations Office on Drugs and Crime has published a report titled "Illegal wildlife trade and climate change: connecting the dots" (UNODC).



key points:

- DOTS was released at a side event during the COP27 conference in Sharm el-Sheikh, Egypt, on illegal wildlife trading and climate change.
- Since illegal wildlife trading (IWT) has a wide range of effects on ecosystem functioning and processes that affect climate, it should not only be viewed from a conservation perspective.
- IWT is currently only seen as a threat to the species' survival by policymakers.
- The Dalbergia genus of trees, which are slow growing but prized for their high wood density, is the subject of this creative report.
- In addition, three animals that offer highly specialized ecosystem services to combat climate change but are endangered by IWT are highlighted in the UNODC paper.
- According to research published by UNODC, habitat destruction and ivory poaching have caused the population of African forest elephants to decrease by 86% over the past three decades.
- In central African rainforests, the loss of African forest elephant populations could cause an above-ground biomass to decline of 7%.
- Pangolins perform a special role in managing the number of ants and termites while being among the allegedly most trafficked species in the world.
- However, since the decomposition process is responsible for 1 to 3 percent of the annual natural emissions in the world, termites play a significant part in this process.

Source: The Hindu

Qatar signs world's 'longest' gas supply deal with China

Why in News:

- With China, Qatar Energy has established a 27-year supply agreement for natural gas.

key points:

- From its new North Field East project, Qatar Energy will yearly deliver four million tons of liquefied natural gas to China Petroleum and Chemical Corporation (Sinopec).
- The arrangement struck by Qatar Energy "marks the longest gas supply agreement in the LNG industry's history."



- Since Russia's invasion of Ukraine, European nations have sought out Qatar's gas, which is primarily sold to Asian nations led by China, Japan, and South Korea.
- At the center of Qatar's plan to increase more than 60% of its liquefied natural gas output to 126 million tons annually by 2027 is the North field.
- 10% of the world's known reserves are found in the northern region.
- The first nation to deal with North Field East is China.

Source: The Hindu

India-Australia Free Trade Agreement Ratified by Australian Parliament

Why in News:

- The then-Minister for Trade, Tourism and Investment of Australia, Dan Teahan, and the Ministers of Commerce and Industry, Consumer Affairs and Food, and Public Distribution and Textiles of India, Piyush Goyal, have signed the Australia-India Economic Cooperation and Trade Agreement (AI-ECTA).



key points:

- A free trade agreement to promote trade between the two nations is the India-Australia Economic Cooperation and Trade Agreement (AI-ECTA).
- Both nations agree to lower regulatory requirements, subsidies, and quotas on import-export products as part of the FTA.
- The Australian Parliament must approve the India-Australia Economic Cooperation and Trade Agreement (AI-ECTA) before it can go into effect.
- Due to the Australia-India Free Trade Agreement, more than 6,000 large Indian regions are accessible to Australian consumers duty-free.
- Textiles, leather, furniture, jewelry, and machinery are a few of these.
- A little over 96.4% of Australia's exports to India are duty-free under the FTA.
- This contains several items that now have a 4-5% customs charge in Australia.

Source: PIB



FDA approves first-ever type 1 diabetes delaying drug Tzielid

Why in News:

- Such a drug has been approved by the US Food and Drug Administration (FDA) and can prevent type-1 diabetes for 3 years.



key points:

- With the formulation of this medicine, the risk of diabetes can be prevented for 3 years.
- Teplizumab is the world's first such drug.
- According to the American drug regulator FDA, this is the first such drug in the world, which will be used on patients suffering from type-1 diabetes.
- This drug is approved by the US Food and Drug Administration for patients 8 years of age and older.
- In patients of the first stage of type-1 diabetes, blood sugar increases but the body makes insulin.
- This medicine prevents the body from attacking the pancreatic cells that produce insulin.
- In this way, the increasing blood sugar in the patients' bodies will be controlled.

Source: Indian Express

Voting age of 18 is discriminatory, rules the New Zealand court

Why in News:

- A New Zealand court has ruled in favor of allowing 16 and 17-year-olds to vote as well.

key points:

- According to the New Zealand court, not giving voting rights to teenagers of this age is tantamount to discrimination against them.
- The right to vote is a legal right of the citizens of any country, in most countries the minimum age limit to vote is 18 years.
- Prime Minister Jacinda Arden has promised to introduce a bill in Parliament to lower the voting age in New Zealand from 18 to 16.



- The support of at least two-thirds of the MPs is required to pass the new bill in Parliament, but the present government does not have the necessary majority to pass the bill.
- New Zealand is the first country in the world that gave women the right to vote for the first time.
- On 19 September 1893, New Zealand became the first nation to give women the right to vote in parliamentary elections by signing an Act of Electoral Reform.

Source: Times of India

India climbs six places to 61st rank in network readiness index 2022

Why in News:

- India has improved its position by six slots as per the report of Network Readiness Index 2022 (NRI 2022) and as per the latest report, India has been ranked at 61st position.



key points:

- In its latest edition for the year 2022, the NRI report maps the network-based readiness landscape of 131 economies based on their performance across four different pillars.
- The Network Readiness Index is prepared by the Portland Institute, an independent non-profit, non-partisan research and educational institution based in Washington DC.
- India has not only improved its ranking this year but has also improved its score from 49.74 in 2021 to 51.19 in 2022.
- According to the Network Readiness Index, India ranks first in "AI talent concentration", second in "mobile broadband internet traffic within the country" and second in "international internet bandwidth", "annual investment in telecom services" and "domestic market size".
- India ranks third out of 36 in the lower-middle-income countries group, behind Ukraine (50) and Indonesia (59).

Source: PIB



India launches the official website of SCO for 2023

Why in News:

- The Ministry of External Affairs has launched the official website of the Shanghai Cooperation Organization (SCO) with the slogan SECURE SCO.



key points:

- The programs that will be held next year while India is chairman will be detailed on the official website that India has developed.
- India officially took over as SCO chairman during the 22nd SCO Heads of State Summit in Samarkand, Uzbekistan, in September.
- India will serve as the group's chair from September 2022 to September 2023.
- Prime Minister Narendra Modi presented the idea of SECURE at the Shanghai Cooperation Organization Summit in China in 2018.
- The prime minister described the acronym SECURE, stating that it stood for security for citizens, economic growth, connectivity in the region, unity, sovereignty, integrity, and environmental protection.
- Eight nations, including Russia, China, Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, India, and Pakistan, make up the Shanghai Cooperation Organization.

Source: Business Standards

UK-India Young Professionals Scheme

Why in News:

- The UK-India Young Professionals Scheme was announced by British Prime Minister Rishi Sunak at the G20 Summit in Bali, Indonesia.



key points:

- The UK-India Young Professionals Scheme will provide a place for Indians to work in the United Kingdom for up to two years.
- The UK-India Young Professionals scheme will benefit 3,000 degree-holding Indians aged 18 to 30.



- The UK-India Young Professionals Scheme will be implemented on a reciprocal basis from early 2023.
- The scheme makes India the first visa-national country to benefit from the scheme.
- The UK-India Young Professionals Scheme has been launched by the United Kingdom amid a huge labor shortage in the country.
- According to a new study, three-quarters of UK businesses are affected by labor shortages in the country.
- The new scheme is also aimed at strengthening the cultural and economic ties between the United Kingdom and India.
- The plan will also improve the United Kingdom's relations with the Indo-Pacific region.

Source: The Hindu

Cambridge Word Of the Year 2022 Is 'Homer'

Why in News:

- Homer has been chosen by Cambridge Dictionaries as its word of the year for 2022.

Key points:

- According to Cambridge Dictionaries, the worldwide phenomenon Wordle was inspired by Homer.
- Users of the free online game Wordle receive a brand-new word puzzle each day.
- The Cambridge Dictionary states that Homer's response to the word puzzle was May 5, leading non-American users to link the word with baseball.
- An informal American name for a home run in baseball is "homer."
- The word "Homer" was looked up online nearly 75,000 times in the first week of May 2022, according to Cambridge Dictionary.
- Homer has been looked up on the Cambridge Dictionaries website more than 79,000 times so far in 2022, according to the dictionary.



Source: Times of India



India-Russia-Iran Holds Trilateral Meet on Afghanistan on Sidelines of Moscow Format

Why in News:

- India took part in the Moscow-based Moscow Format Consultations on Afghanistan's fourth meeting.



key points:

- Special envoys and high-ranking representatives from India, Russia, China, Pakistan, Iran, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan also attended the summit.
- The participants in the meeting talked about matters pertaining to Afghanistan, such as the current humanitarian situation and ongoing assistance efforts by various stakeholders, intra-Afghan negotiations, the formation of an inclusive and representative government, and counterterrorism measures.
- A six-party mechanism for consultations between the Special Representatives of Russia, Afghanistan, China, Pakistan, Iran, and India served as the foundation for the introduction of the Moscow format in 2017.
- The primary goals of the meeting in the Moscow format are to speed up Afghanistan's process of national reconciliation and to bring about peace as soon as possible.
- In 2021, at the Moscow Format Meeting in Russia, the Indian delegation and Taliban representatives first interacted.
- Taliban is a word that means "student" in the Pashto language. In the 1990s, following the withdrawal of Soviet forces from Afghanistan, the Taliban first appeared in northern Pakistan.
- In 1994, the Pashtun-led Taliban first appeared on the Afghan political scene.

Source: The Hindu

India Hosts LEEDIT Summit with Sweden at COP27 in Egypt

Why in News:

- The LEEDIT summit is co-hosted by the Union Minister for Environment, Forest and Climate Change, Bhupendra Yadav along with Swedish



Minister for Climate and Environment Ms. Romina Pourmokhtari.

key points:

- The Leadership Summit for Industry Transition was held under the ongoing Conference of the Parties (COP) 27 in Sharm El Sheikh, Egypt from 6-18 November 2022.
- The LEEDIT initiative focuses on the low carbon transition of the industrial sector, which is a major source of carbon emissions in the world.
- The Leadership Group for Industry Transition (LeadIT) was launched by the governments of Sweden and India at the United Nations Climate Summit in New York City, United States in September 2019.
- LEEDIT brings together countries and companies committed to achieving the goals of the 2016 Paris Agreement on carbon reduction.
- LEEDIT members are committed to achieving net zero carbon emissions.

Source: The Hindu

Pandemic Fund Officially Launched at G20 Meeting

Why in News:

- The G20 Presidency of Indonesia marked the official launch of the Pandemic Fund on the margins of the G20 Joint Finance and Health Ministers meeting in Bali, Indonesia in the presence of Indonesian President Joko Widodo.



key points:

- In the wake of COVID-19, which exposed major vulnerabilities and under investments in pandemic prevention, preparedness and response (PPR), especially in low- and middle-income countries, the Pandemic Fund aims to reduce Capacity has to be strengthened.
- The Pandemic Fund will provide a dedicated stream of long-term funding for PPR as well as bridge critical gaps through investment and technical assistance at national, regional and global levels.
- The Pandemic Fund aims to encourage countries to prioritize this agenda and scale up their own efforts.



- Developed under the leadership of Indonesia and Italy during their respective G20 presidencies, the pandemic fund has US\$1.4 billion in seed funding already committed by 24 donors.
- The World Bank and WHO worked with a range of stakeholders, including partner countries, civil society organizations (CSOs) and potential implementing agencies, to create the Pandemic Fund.
- The G-20 group is an informal grouping of 19 countries and the European Union (EU), established in 1999 with representatives from the International Monetary Fund and the World Bank.
- G-20 member countries include Argentina, Australia, Brazil, Canada, China, European Union, France, Germany, India, Indonesia, Italy, Japan, Mexico, Russia, Saudi Arabia, South Africa, Republic of Korea, Turkey, United Kingdom and United States included.

Source: The Hindu

Pakistan and Bangladesh First to Receive G7 'Global Shield' Climate Funding

Why in News:

- Pakistan, Ghana and Bangladesh are among the first recipients of funds from the G7 'Global Shield' initiative to provide money to countries hit by climate disasters.



key points:

- The 'Global Shield' climate funding was announced at the COP27 summit in Egypt.
- The Global Shield (GS), coordinated by G7 chair Germany, aims to provide climate-sensitive countries with rapid access to insurance and disaster protection funds after floods or droughts.
- It is being developed in collaboration with the 'V20' grouping of 58 climate sensitive economies.
- Germany has contributed 175.17 million dollars in funding to Global Shield, while other countries, including Denmark and Ireland, have contributed more than 41 million dollars.
- Global Shield' climate funding is designed to reduce immediate protection gaps across countries by designing, financing and facilitating interventions.



- 'Global Shield' climate funding aims to rapidly provide pre-arranged insurance and disaster protection funds following events such as floods, droughts and hurricanes.
- Global Shield aims to complement, not replace, the progress on 'harm and damage'.
- Early recipients of the Global Shield package include Bangladesh, Costa Rica, Fiji, Ghana, Pakistan, Philippines and Senegal.

Source: Indian Express

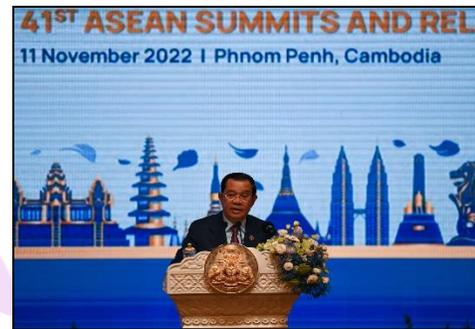
ASEAN Agreed to Admit East Timor as 11th member

Why in News:

- The Association of Southeast Asian Nations (ASEAN) has agreed in principle to admit East Timor as the 11th member of the grouping.

key points:

- The half-island nation, officially called Timor Leste, will also be given observer status at high-level ASEAN meetings.
- The country will be the first new member of the regional grouping in more than two decades since Cambodia joined in 1999.
- The province of East Timor remained under Portuguese occupation until 1975, when one of the major political parties there, FRETILIN (Revolutionary Front for an Independent East Timor), gained control of most of the territory.
- In November 1975 it declared its independence as the Democratic Republic of East Timor.
- The area was invaded and occupied by Indonesian forces in early December.
- In 1976, it was declared an integral part of that country by Indonesia as East Timor Province (Timor Timur).
- East Timorese voted for independence from brutal occupation by Indonesia in a 1999 U.N.-supervised referendum, and the country was officially recognized by the United Nations in 2002, making it Asia's youngest state. Democracy had taken place.



Source: Times of India



Day of Eight Billion: United Nations

Why in News:

- According to the United Nations (UN), the world human population has crossed the 8 billion (billion) mark on 15 November 2022 and is expected to reach 10.4 billion by the year 2080.



key points:

- Population growth has been attributed by the United Nations to a gradual increase in human longevity due to improvements in public health, nutrition, personal hygiene and medicine.
- According to the United Nations, it has taken just 12 years for the global population to reach from 7 billion to 8 billion.
- According to the United Nations, in less than 100 years since 1930, the world's population has quadrupled.
- The global human population crossed one billion population in the year 1804 while in the year 1930 it crossed 2 billion population.
- According to the United Nations, the annual population growth rate between 1963 and 1972 was more than 2 percent, after which the growth rate declined, and after the year 2021 this rate has come down to 1 percent.
- China and India together account for more than a third of the world's population in 2022, with China accounting for 18.2 per cent and India at 17.7 per cent.
- The world's third most populous country is the US, and the fourth most populous country is Indonesia, accounting for 4.2 percent and 3.5 percent of the global population, respectively.

Source: The Hindu

17th G20 Summit Begins in Bali, Indonesia

Why in News:

- The 17th Group of 20 (G20) summit has been organized in Bali, Indonesia.



key points:

- The two-day summit has the theme “Recover Together, Recover Stronger” and focuses on global economic recovery, global health architecture, digital transformation, sustainable energy transition and climate change, among other topics.
- The International Monetary Fund and the World Bank sent representatives to the G20, an informal organization of 19 nations, including the European Union (EU), in 1999.
- Argentina, Australia, Brazil, Canada, China, Czech Republic, Denmark, Finland, France, Germany, Italy, Japan, Mexico, Russia, Saudi Arabia, South Africa, Republic of Korea, Turkey, United Kingdom, and United States are all G-20 members.
- The G-20 grouping represents roughly two-thirds of the world's population and comprises the largest advanced and emerging economies.
- The "troika" meetings, which are another aspect of the G-20, are events that are attended by the nations that have held the organization's leadership for the past three years, the current year, and the following year.

Source: The Hindu

WHO's Global Vaccine Market Report 2022

Why in News:

- The Global Vaccine Market Report 2022 has been released by the World Health Organization (WHO).

key points:

- According to the WHO's Global Vaccine Market Report, vaccine disparity has been exacerbated by the COVID-19 pandemic.
- According to the report, critical vaccines with high demand in high-income countries are in short supply in low-income countries.
- According to the report, the lack of market incentives is hampering the development of important vaccines.
- According to the report, the burden of cervical cancer is higher in low-income countries, despite the introduction of the human papillomavirus vaccine (HPV) in 41 percent of countries.



- According to the Global Vaccine Market Report 2022, more than 83 percent of high-income countries have access to HPV vaccines.
- The last 2 years have seen an increase in vaccine supply; however, routine immunization of children has decreased significantly during this period.
- In the year 2021, more than 90 manufacturers are supplying vaccines to WHO member states, however, due to "broad portfolio, global reach, and diversity of deployable technology", less than 10 managed a major share of supply Have gone.
- According to the Global Vaccine Market Report 2022, only 2 manufacturers worldwide supply major vaccines such as pneumococcal vaccines, measles, and rubella-containing vaccines.
- According to the report, lack of transparency in vaccine manufacturing and supply and inadequate government monitoring in the distribution of doses remain key challenges.
- The report has recommended several changes that could herald a paradigm shift in the vaccine market, including-
 - Clear vaccination plans
 - Aggressive investment and monitoring of vaccine development, production, and distribution.

Source: The Hindu

Energy Transition Accelerator (ETA)

Why in News:

- A new carbon offset plan called the Energy Transition Accelerator (ETA) for climate finance has been unveiled by the U.S.A.

key points:

- This innovative scheme will be developed by the US along with the Bezos Earth Fund and the Rockefeller Foundation.
- The U.S.A. will also receive inputs from the public and private sectors for the Energy Transition Accelerator (ETA).
- It is a new carbon offset scheme that allows companies to finance clean energy projects in developing countries and obtain carbon credits and use them to at least partially meet their own climate goals.



- According to the United States, the concept of the new carbon offset scheme is to make the carbon market work.
- The new carbon offset scheme will help developing countries achieve their nationally determined contribution (NDC) under the Paris Agreement.
- The new carbon offset scheme will be implemented by the year 2030.

Source: Hindustan Times

Sharm El Sheikh Adaptation Agenda

Why in News:

- Seeking to reduce the devastating effects of climate change on vulnerable people in the world, the Sharm-el-Sheikh adaptation agenda has been launched by the COP27 Presidency.



key points:

- The Sharm El Sheikh Adaptation Agenda outlines 30 goals to increase resilience to the 4 billion people living in the most climate-vulnerable communities by 2030.
- The Sharm El Sheikh adaptation agenda also includes goals such as moving to climate-friendly, sustainable agriculture, which can increase yields by 17% and reduce farm-level greenhouse gas (GHG) emissions by 21%.
- Protecting an estimated 400 million hectares in critical areas supporting indigenous and local communities with the use of nature-based solutions to improve water security and livelihoods and convert 2 billion hectares of land into sustainable management under the Sharm el-Sheikh adaptation agenda goals are also included.
- Among the 30 goals included in the Sharm El Sheikh Adaptation Agenda are issues such as protecting 3 billion people by installing smart and early warning systems.
- Another important goal in the Sharm El Sheikh adaptation agenda is expanding access to clean cooking to 2.4 billion people through at least USD 10 billion/year in innovative finance.
- The agenda emphasizes the urgency to make climate risks visible and accessible, and implement locally led adaptation principles, with evidence-based, actionable adaptation plans for all actors.

Source: Times of India



International Drought Resilience Alliance (IDRA)

Why in News:

- The International Drought Resilience Alliance (IDRA) has been launched by Spain and Senegal along with 30 countries and 20 organizations at COP27.



key points:

- IDRA has been jointly launched by Spain and Senegal to promote cooperation to enhance preparedness against future droughts.
- IDRA primarily seeks to bring about a change in how the world responds to increasing drought risks.
- IDRA was first announced by Spain at the 77th session of the UNGA.
- The main objective of IDRA is to make drought mitigation a priority in national development.
- IDRA will act as a platform for sharing drought-related technology and expertise.
- The establishment of the IDRA is important because there is no convention for land other than the UNCCD, which focuses primarily on desertification.
- IDRA offers the United Nations a "specific solution" for mitigating the effects of drought.
- Drought-affected districts in India comprise about 1/6th of the country in terms of area.

Source: The Hindu

The new logo of the G20 Presidency unveiled

Why in News:

- Prime Minister Shri Narendra Modi has announced the logo, theme, and website for India's G20 Presidency.

Key Points:

- India has the chance to contribute to the global agenda on crucial topics of international concern through the G20 Presidency.



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- The G20, which represents around 85% of the world's GDP, more than 75% of its commerce, and about two-thirds of its people, is the foremost forum for global economic cooperation.
- The late 1990s financial crisis, which had a particularly negative impact on East Asia and Southeast Asia, served as the backdrop for the formation of the G20 in 1999.
- By integrating middle-income nations, the G20 aimed to assure global financial stability.
- Argentina, Australia, Brazil, Canada, China, France, Germany, Greece, Italy, Japan, the Republic of Korea, Mexico, Russia, Saudi Arabia, South Africa, Turkey, United Kingdom, United States, and European nations are the current G20 members.
- The Sherpas and Finance Tracks, which develop and uphold the problems and commitments established at the summit, lead the G20 summit's preparation process.
- The Sherpa track addresses internal concerns like G20 procedure norms while concentrating on non-economic and financial topics like development, anti-corruption, and food security.

Source: PIB

Middle East Green Initiative Summit

Why in News:

- COP 27 is organized by the Union Minister of Environment, Forest and Climate Change in the Middle East Green Initiative Summit 2022 organized in Egypt.

key points:

- The Middle East Green Initiative aims to reduce carbon emissions from regional hydrocarbon production by more than 60%.
- Under the Middle East Green Initiative, plans are also made to plant 50 billion trees in the Middle East and restore an area equivalent to 200 million hectares of land.
- The Middle East Green Initiative aims to reduce global carbon levels by 2.5%.



- The first Middle East Green Initiative (MGI) summit was hosted by HRH Mohammed bin Salman, Crown Prince and Prime Minister in Riyadh on 25 October 2021.
- Under the Middle East Green Initiative, representatives of 28 countries have agreed to work together to tackle climate change.
- Saudi Arabia plans to rely on renewable energy for 50% of its electricity generation by 2030.

Source: Times of India

Chinese rocket debris falls into sea again

Why in News:

- According to the US Space Command, large pieces of China's Long March 5B rocket have fallen uncontrollably in the south-central Pacific Ocean.



key points:

- The rocket was used to deliver the third and final module to the Tiangong Space Station.
- In May 2021, Tianhe was launched by China, the first to orbit three modules of the Tiangong space station.
- China aims to complete the construction of the Tiangong space station by the end of 2022.
- Tiangong will be much smaller than the International Space Station (ISS), with only three modules located compared to the International Space Station's 16 modules.
- Earlier, China launched its Long March 5B rocket to deliver the third and final module of the Tiangong space station.
- For the latest mission, the rocket carried Mention, a science laboratory module, to Tiangong, where the rocket broke during re-entry and its fragments fell uncontrollably into the south-central Pacific Ocean.

Source: Indian Express



Indo-German week

Why in News:

- The Indo-German Week of Young Researchers 2022 was inaugurated by Dr. Akhilesh Gupta, Secretary, Science and Engineering Research Board and Senior Advisor, Department of Science and Technology.



key points:

- The Indo-German week has been organized under a joint initiative of the Science and Engineering Research Board of India and the German Research Foundation.
- During the Indo-German Week program, 30 promising young researchers from India and Germany will discuss and deliberate on various contemporary topics in the field of chemical science.
- This is the first dialogue of its kind between researchers from two countries after the global pandemic.
- Under the Indo-German Week program, each participant will deliver a research lecture and will also be given an opportunity to interact closely with other participants.
- The main goal of the Indo-German Week program is to promote collaboration between early and mid-career researchers and scientists to set the agenda for scientific collaboration in the near future.
- The Indo-German Week Conclave is led by Professor Vinod K Singh of the Indian Institute of Technology Kanpur and Professor Burkhard König from the University of Regensburg, Germany.
- Germany, with its long history of collaboration with India, is one of the country's top research partners in science.
- According to government data, there has been a four-fold increase in the number of Indian research students and young scientists visiting Germany.

Source: PIB



World Travel Market Exhibition

Why in News:

- India has participated in the World Travel Market Exhibition starting in London.



key points:

- The World Travel Market Exhibition is one of the largest exhibitions internationally.
- The theme of this year's World Travel Market exhibition is "The Future of Travel Begins Now".
- According to the Ministry of Tourism, India will present itself as a favorite country for tourism in the World Travel Market exhibition.
- A total of 16 stakeholders including various State Governments, Central Ministries, Tour Operators will participate in the Indian Pavilion in the three-day World Travel Market Exhibition.
- At the World Travel Market exhibition, India aims to present medical travel, tourism related services including fully equipped trains to the international community.
- According to government data, the travel and tourism sector contributed 5.19 per cent to India's GDP during the year 2019, with the Indian tourism sector providing employment opportunities to about eight crore people.

Source: Indian Express

Hyderabad's Megha Ltd to Build Mongolia's First Greenfield Oil Refinery

Why in News:

- Hyderabad-based Megha Engineering and Infrastructure Limited (MEIL) has embarked on a project to build Mongolia's first greenfield oil refinery on the outskirts of the capital, Ulaanbaatar.



key points:

- The project aims to reduce the East Asian country's dependence on Russian oil imports.
- Under this plan, a portion of the oil refinery will be constructed by the company using advanced technology for \$79 million.



- The project is a part of the Development Partnership Governance Initiative of the Ministry of External Affairs of India.
- The oil refinery will be built using the Line of Credit provided by the Government of India.
- Engineers India Limited is the Project Management Consultant for this G2G partnership project.
- The refinery built by Megha Engineering and Infrastructure Limited will be able to process 30,000 barrels of crude oil per day.
- Megha Engineering & Infrastructure Limited was established in the year 1989, its founder is PP Reddy and its headquarter is located in Hyderabad Telangana.

Source: Business Standard

India Donates USD 2.5 million to Support Education, Healthcare of Palestinian Refugees

Why in News:

- India has submitted the second tranche of USD 2.5 million assistance to the United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA) for the financial year 2022-2023.



key points:

- “US\$ 2.5 million in support has been presented by the Government of India to the United Nations Relief and Works Agency for Palestine Refugees in the Near East.
- The financial contribution is presented to Ms. Zuran Wu, Associate Donor Relations and Projects Officer, UNRWA's Department of Foreign Relations at the Representative Office of India in Ramallah, Palestine.
- India has been providing various types of development cooperation assistance to Palestine amounting to about US\$ 141 million.
- India has promised development assistance of US\$ 70.6 million to Palestine and projects with quick impact of US\$ 197,030.
- India has provided a total of US\$ 26.5 million to UNRWA as well as a total budgetary support of US\$ 39 million to the Palestinian Authority since 2009.

Source: Business Standard



UNESCO: A Third of Glaciers in World Heritage Sites Will Disappear in 2050

Why in News:

- The United Nations Educational, Scientific and Cultural Organization (UNESCO) has warned that many World Heritage Site glaciers could disappear by the year 2050.



key points:

- A survey of 18,600 glacial sites at 50 World Heritage sites found that glaciers at one-third of these sites would be lost due to global warming, regardless of global efforts to limit temperature rise.
- According to the report, all the world heritage sites in Africa, including Mount Kenya and Kilimanjaro National Park, will become ice-free in three decades.
- Some glaciers in the Pyrenees and the Dolomites in Europe will also disappear.
- These glaciers are shrinking at a high rate since the year 2000 due to carbon emissions.
- Glaciers are currently losing 50 billion tonnes of ice annually, which is equivalent to the total water consumption by France and Spain.
- According to UNESCO, the remaining two-thirds of the sites are likely to be saved if global temperatures are maintained below 1.5 °C compared to the pre-industrial period.
- Countries have set a target of limiting global temperature rise to 1.5 °C by 2030, however, the current trend estimates that this target is unlikely to be reached.
- According to the report, only rapid action to reduce emissions levels will prevent the glaciers from melting completely and save the unique biodiversity that depends on them.
- The report recommends local governments to make glaciers a priority area for policy making.

Source: The Hindu

6th India-EU HLDMM

Why in News:

- The 6th High Level Dialogue on Migration and Mobility (HLDMM) between India and the European Union (EU) was held in Brussels on 27 October 2022.



key points:

- Earlier the fifth edition was organized in New Delhi in the year 2019.
- High level dialogues focus on a wide range of topics related to the promotion of safe, orderly and regular migration and the prevention of irregular migration.
- The discussion also focused on potential areas of cooperation to facilitate the mobility and migration of talented professionals, students and skilled workforce for mutual benefit to both the EU and India.
- The 6th India-EU HLDMM also expressed satisfaction at the successful implementation of the India-EU Common Agenda on Migration and Mobility by both sides.
- Indian delegates at the 6th India-EU HLDMM included representatives from the Ministries of External Affairs, Home Affairs, Skill Development and Entrepreneurship and Labor and Employment.
- The India-EU Common Agenda for Migration and Mobility was established during the 13th India-EU Summit held in 2016.
- It is a framework for cooperation between India and the European Union on areas related to migration.
- The India-EU HLDMM provides joint objectives, recommendations and actions that need to be taken to strengthen the legal aspects of migration, prevent and combat irregular migration, and address human trafficking issues.

Source: The Hindu

103 million People Forcibly Displaced Worldwide, Reveals UNHCR Report

Why in News:

- According to the report released by the UNHCR, the number of people forcibly displaced from their homes due to incidents of persecution, conflict, violence, human rights violations and seriously disturbing public order increased to 103 million in the first half of 2022.



key points:

- According to the report released by UNHCR, one in 77 people in the world have been forcibly displaced.



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- According to the report, the total number of refugees and people in need of international security in the world has increased by 24 percent from 25.7 million at the end of 2021 to 32 million by the middle of 2022.
- According to the report, in the middle of the year 2022, Turkey hosted 3.7 million refugees, which is the largest refugee population in the world.
- According to the report, during the same period, significant displacement of people was reported in the Tigre region of Ethiopia as well as in Myanmar, Burkina Faso, Central African Republic, Mozambique and Congo.
- A refugee means a person who has been forced to flee his country because of persecution, war or violence.
- UNHCR, also known as the UN Refugee Agency, is a United Nations program mandated to protect and support refugees at the request of the government or the United Nations and in their voluntary repatriation, local integration or resettlement in a third country.
- UNHCR was established in the year 1950.
- UNHCR is headquartered in Geneva, Switzerland and is a member of the United Nations Development Group.

Source: The Hindu

1st ASEAN-India Start-up Festival 2022 inaugurated in Indonesia

Why in News:

- The first ASEAN-India Start-up Festival was inaugurated by Dr. Srivari Chandrasekhar, Secretary, Department of Science and Technology on 27 October 2022 in Bogor, Indonesia.



key points:

- The four-day event is organized in conjunction with the Indonesia Research and Innovation Expo (INA-RIE) from 27 to 30 October 2022 at the Innovation Convention Centre, Sibinong Bogor, Indonesia.
- The ASEAN-India Start-up Festival is part of several events to celebrate the 30th anniversary of ASEAN-India diplomatic relations.
- The ASEAN-India Start-up Festival is part of the overall ASEAN-India Science, Technology and Innovation Cooperation Program between the ASEAN



Committee on Science, Technology and Innovation and the Department of Science and Technology and is supported under the Government of India.

- The ASEAN-India Science and Technology Development Fund, which is contributed jointly by the Department of Science and Technology and the Ministry of External Affairs.
- The ASEAN-India Start-up Festival has been launched to promote cooperation in science, technology and innovation between ASEAN countries and India.
- ASEAN is a regional organization which was established in the year 1967.
- ASEAN is a federation of 10 countries in Southeast Asia which includes Indonesia, Philippines, Brunei, Thailand, Vietnam, Malaysia, Singapore, Laos, Cambodia, Myanmar.
- The headquarters of ASEAN are located in Jakarta, Indonesia.

Source: The Hindu

IEA World Energy Outlook (WEO) 2022 report

Why in News:

- Amidst the global energy crisis caused by the war in Ukraine, the World Energy Outlook 2022 report has been released.

key points:

- According to the report, Russia's invasion has exacerbated the energy crisis, Russia has been the world's top exporter of fossil fuels, however, its supply cuts to Europe and European sanctions on imports of oil and coal from Russia have pushed up energy prices.
- According to the IEA World Energy Outlook report, all fuels are affected by the Ukrainian crisis, although it has had a major impact on the gas market.
- According to the report, the energy crisis caused by the conflict in Ukraine has threatened recession.
- High energy prices have also worsened food insecurity in many developing countries.
- According to the report, around 75 million people who have recently got electricity will be unable to pay their energy bills.
- According to the IEA World Energy Outlook report, more than 100 million people are likely to increase their dependence on firewood for cooking instead of adopting clean and safe measures.



- In most of the affected areas, energy prices have been significantly reduced by higher stocks of renewable energy sources.

Source: Navbharat Times

2022 Forest Declaration Assessment

Why in News:

- The 2022 Forest Declaration Assessment is published which publishes an annual update on progress towards the global forest goals.



key points:

- In the year 2021, the rate of deforestation globally declined by 6.3 percent as compared to the base year 2018-20.
- According to the report, not a single global indicator is on track to stop deforestation by 2030.
- To completely stop deforestation by the year 2030, it needs to be cut by 10% annually.
- According to the report, forest financing needs to increase by up to 200 times to meet the 2030 targets.
- According to the report, in the year 2021, Brazil is the largest contributor to deforestation in the world, registering a 3 percent increase in the rate of deforestation last year compared to the year 2018-2020.
- According to the Forest Declaration Assessment Report, deforestation rates in Bolivia and the Democratic Republic of the Congo are 6 percent and 3 percent, respectively.
- According to the report, global tree cover has increased by 130.9 million hectares over the past 20 years, with three-quarters of the increase concentrated in 13 countries, with the most significant increases seen in Russia, Canada, the United States, Brazil and China.
- Natural regeneration and assisted natural regeneration account for about 90 percent of the total tree cover gains in the world.
- Deforestation in tropical regions can also affect the way water vapor is produced on the canopy, which will reduce rainfall.



- Deforestation not only kills the vegetation that is important for removing carbon dioxide from the air, but the removal of forests causes greenhouse gas emissions.

Source: The Hindu

Global TB Report 2022

Why in News:

- The World Tuberculosis Report 2022 has been released by the World Health Organization, showing the impact of the COVID-19 pandemic on the diagnosis, treatment and disease burden of tuberculosis (TB) in the world.



key points:

- The 2022 report includes data on disease trends and pandemic response from 215 countries and territories, including all 194 WHO member states.
- The World Tuberculosis Report released by the World Health Organization is based mainly on data collected by the World Health Organization from national health ministries.
- According to the report, more than 10.6 million people have become ill due to tuberculosis in the year 2021 which is an increase of 4.5 percent as compared to the figures for the year 2020.
- Of the total TB deaths, 187,000 patients were HIV positive, with approximately 82% of global TB deaths among HIV negative people occurring in African and South-East Asia regions.
- According to the report, India was among the eight countries with more than two-thirds of the total number of TB patients with 28% of the cases.
- Other countries included Indonesia (9.2%), China (7.4%), the Philippines (7%), Pakistan (5.8%), Nigeria (4.4%), Bangladesh (3.6%) and the Democratic Republic of Congo (2.9%).
- TB is caused by a bacterium called Mycobacterium tuberculosis, which belongs to the Mycobactericidal family with about 200 members.
- TB in humans most commonly affects the lungs (pulmonary TB), but it can also affect other organs, spreading from person to person through the air.
- Under the Prime Minister's TB Mukta Bharat Abhiyan, India aims to eliminate TB from the country by the year 2025.

Source: The Hindu

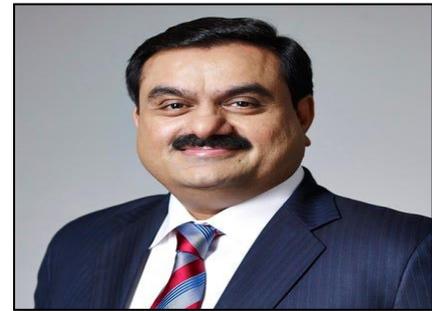


National

India's 100 richest 2022: Gautam Adani tops Forbes rich list

Why in News:

- Forbes has published the list of India's 100 wealthiest people (Forbes 2022 List of India 2022).



key points:

- This ranking indicates that the wealth of India's top 100 individuals has climbed by \$25 billion to \$800 billion.
- The list, which Forbes has just announced, is headed by Gautam Adani, with Mukesh Ambani coming in at number two this year.
- The list provided by Forbes this year also includes nine women.
- The fortune of the top 10 Indian citizens, as determined by Forbes, is \$385 billion, of which \$150 billion belongs to Gautam Adani.
- Adani, Gautam According to Forbes, the chairman of the Adani Group has a total net worth of Rs. 12,11,460.11 crore.
- Gautam Adani's wealth has tripled in value as of the year 2021.
- Forbes has estimated Mukesh Ambani, the chairman and managing director of Reliance Industries Limited (RIL), to have a total net worth of Rs. 7,10,723.26 crore.
- He has Mukesh Ambani in second place on this list for the first time since 2013.

Source: Indian Express

NITI Aayog Releases study on 'Carbon Capture' and Mechanism of its Implementation in India

Why in News:

- NITI Aayog has published a study report on the Carbon Capture, Utilization, and Storage (CCUS) policy framework and its deployment mechanism in India.



key points:

- The significance of carbon capture, use, and storage as an emissions reduction approach is examined in the paper.
- The extensive spectrum of policy interventions needed in multiple sectors for its implementation is described in the NITI Aayog study.
- India emits roughly 1.9 tons of CO₂ per person-year, which is about one-fourth of China's and less than 40% of the average global amount.
- By storing or reusing carbon emissions, carbon capture utilization and storage seek to lower carbon emissions.
- It is a three-step process that entails capturing the carbon dioxide produced during the production of electricity or other industrial processes, like the production of steel or cement, transporting it, and then burying it deep underground.
- Utilization, Capture, and Storage of Carbon is a technique for removing carbon dioxide (CO₂) from high-pollutant industries like steel, cement, petrochemicals, oil, gas, and fertilizer.
- Lower oil and gas reservoirs and saline aquifers are two potential locations for carbon emission storage.
- It will aid in advancing a low-carbon, hydrogen economy and lowering the atmospheric CO₂ stock.

Source: PIB

From 130 deaths per lakh live births to 97 deaths, India's maternal mortality ratio sees a huge fall in 6 years

Why in News:

- The Maternal Mortality Ratio (MMR) in India has decreased by 6 points to 97 live births per lakh, according to the Registrar General of India's (RGI) special bulletin on MMR.



key points:

- According to information acquired from the Sample Registration System (SRS), there were 97 live births in 2018–20 instead of the 130 per lakh recorded in 2014–16.



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- India has met the National Health Policy (NHP) MMR objective of less than 100/lakh live births.
- The number of States achieving Sustainable Development Goals (SDGs) has increased significantly in recent years, with Kerala (19), Maharashtra (33), Telangana (43), Andhra Pradesh (45), Tamil Nadu (54), Jharkhand (56), Gujarat (57), and finally Karnataka.
- The number of maternal deaths during a specified time period per 100,000 live births is known as the maternal mortality rate or MMR.
- Maternal death, according to the World Health Organization, is the passing away of a woman while she is pregnant or within 42 days of having her pregnancy terminated due to any factor connected to pregnancy or its care.
- Under the Ministry of Home Affairs, the Registrar General of India performs his or her duties.
- Using this model registration system, the Registrar General of India calculates estimates of fertility and mortality rates along with population counts and births and deaths that occur in the nation.

Source: PIB

Union Minister R.K Singh inaugurated 'Doctor Apke Dwar' Mobile Health Clinics

Why in News:

- At Sadar Hospital, Arrah, in the Bhojpur District of Bihar, R.K. Singh, Union Minister for Power and New & Renewable Energy, officially launched REC's CSR effort for the purchase, operation, and maintenance of 10 Mobile Health Clinics (MHC), dubbed "Doctor Aapke Dwar."



key points:

- The initiative intends to reduce operational costs for a smooth three-year operation.
- The project will cost a total of Rs. 12.68 crores.
- In all 14 blocks in the Bihar district of Bhojpur, 10 Mobile Health Clinics (MHC) were established with the goal of providing primary healthcare services door-to-door to the poor community.



Monthly Current Affairs

- A team of four people—a doctor, a nurse, a pharmacist, and a driver or other support staff—will work in the MHC and have access to additional basic equipment.
- Patients will also receive free generic medications as part of the Doctor Aapke Dwar program.
- An NBFC that specializes in funding and developing the electricity sector in India is called REC Limited.
- State Electricity Boards, State Governments, Central/State Power Utilities, Independent Power Producers, Rural Power Cooperatives, and Private Sector Utilities receive financial support from it.

Source: PIB

World's 1st Intranasal Covid vax from Bharat Biotech gets CDSCO approval

Why in News:

- Leading vaccine producer Bharat Biotech International Limited has gained approval from the Central Drugs Standard Control Organization for their iNcovac (BBV154) COVID-19 intranasal vaccine (CDSCO).



key points:

- This approval for restricted usage in emergency situations and for booster dosages in teenagers aged 18 and above in India has been given to Bharat Biotech.
- An adenovirus-vectored vaccination with the SARS-CoV-2 spike protein is called iNcovac.
- iNcovac is designed specifically for intranasal administration by nasal drops.
- This low-cost vaccine was created with middle-class consumers in mind.
- Because iNcovac is stable at 2 to 8°C, distribution and storage are simple.
- Washington University, St. Louis, which created and developed the recombinant adenoviral vector construct, collaborated with the development of iNcovac.
- To combat pandemics in the nation, Bharat Biotech Company is dedicated to pursuing vaccine development as a matter of national importance.

Source: The Hindu



Mumbai ranks 22nd in Global Prime Cities Index by Knight Frank

Why in News:

- In a Knight Frank index calculating the annual price growth of upscale residential homes, Mumbai came in at number 22.



key points:

- The third quarter of 2022 saw an average annual price increase across the three Indian cities of Mumbai, Bengaluru, and New Delhi, according to Knight Frank's "Prime Global Cities Index Q3 (July-September) 2022".
- The movement of prime home values in local currency in more than 45 cities worldwide is the main focus of the Prime Global Cities Index, a valuation-based index.
- According to the survey, Mumbai rose from 39th place in the same period last year to 22nd place in the third quarter of 2022.
- Additionally, Bangalore's ranking has improved this year; it dropped from 41 to 27 this year.
- The most recent research attributed the price increase to a more stable economy and business environment compared to many developed economies, robust market mood, ample affordability, still-low interest rates compared to 2019, and ample affordability.
- According to the survey, Dubai experienced an increase in prime prices of 88.8% between Q3 2021 and Q3 2022, which was the fastest growth.

Source: Indian Express

UKIBC's 'Doing Business in India' Report 2022

Why in News:

- The UK India Business Council has released the eighth edition of its "Doing Business in India" report.

key points:

- The UK India Business Council (UKIBC) surveyed 111 UK enterprises and higher



education institutions for its "Doing Business in India" report, which contained its results.

- The new study is consistent with the previous seven surveys, which were carried out annually between 2015 and 2021.
- In order to evaluate UK businesses' and higher education institutions' perceptions and experiences of the Indian business environment, the Doing Business in India report was created.
- The Department for Promotion of Industry and Internal Trade has been informed of the report's findings for the year 2022.
- According to the survey, Maharashtra has the best operating environment among Indian states, with Gujarat, Chandigarh, Haryana, Himachal Pradesh, Andhra Pradesh, and Uttar Pradesh rounding out the top 10.
- Over 67% of the businesses surveyed in the "Doing Business in India" report 2022 view the Atmanirbhar Bharat initiative as a chance to expand their business and invest in India, while 33% view it as a barrier.
- The study revealed that UK businesses view the requirement to transfer intellectual property as a problem.
- The accessibility of telecommunications facilities, the availability of a skilled labor force, and the supply chain are the key factors supporting business operations in India.

Source: The Hindu

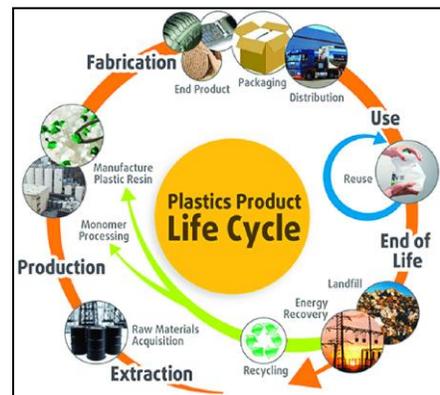
The Plastic Life-Cycle report

Why in News:

- The Delhi-based research organization Center for Science and Environment has produced The Plastics Life-Cycle Report (CSE).

key points:

- In conjunction with a one-day national conference held at the India Habitat Center, the Plastics Life-Cycle Report was made public.
- The research claims that India has failed to put laws in place to effectively fight plastic pollution.



Monthly Current Affairs

- Five changes have been made to the Plastic Waste Management Rules since they were released in 2016 until July 2022.
- Only significant manufacturers, importers, and brand owners, according to the research, have benefited from these updated policies.
- The Plastics Life-Cycle Report claims that current regulations only address issues that are downstream from the collection, management, diversion, and disposal of plastic waste.
- EPR, however, has flaws that make it possible to exploit the environment for commercial gain.
- Significant shortcomings in terms of clarity were discovered by the report, making EPR challenging to implement.
- As per the report, producers, importers, and brand owners (PIBOs) were given a 25 percent collection target for marketed plastics for the year 2021-22, however, the Central Pollution Control Board is yet to issue a collection target for these companies for the year 2021-22. The display has not been updated.
- Currently, there is no technology to verify the use of recycled materials in plastic products; therefore, any claims of the use of recycled plastics cannot be verified.

Source: The Hindu

Team Purple's Dear Diary wins 53-Hour Challenge at IFFI's '75 Creative Minds of Tomorrow'

Why in News:

- With their most recent work, "Dear Diary," Team Purple has won the International Film Festival of India's 75 Creative Minds of Tomorrow Talent Campus.



key points:

- In the Academy Award-winning movie "Dear Diary," a lady is forced to confront the trauma from her past when she runs across her sister, who wants to go to the same location where she was once abused.
- A three-person panel, which included renowned director Mani Ratnam, Carter Pilcher, CEO and Founder of Shorts TV, and Armstrong Palme, Deputy Secretary, Ministry of Information and Broadcasting, chose the films.



Monthly Current Affairs

- The award ceremony for the "53-Hour Challenge" concluded the second edition of "75 Creative Minds of Tomorrow" at the International Film Festival of India (IFFI) in Goa.
- 75 creative individuals from across the nation who had been shortlisted for the competition were given the task of producing a short film about their Idea of India@100 in just 53 hours.
- Participants in the event ranged in age from 18 to 35 and came from all over India and various filmmaking disciplines.
- The best film, "Dear Diary," not only has a female protagonist but is also directed by a woman. It is one of five short films made by "Creative Minds of Tomorrow" that show their vision of India at 100.
- The Insight by Team Orange, The Ring by Team Yellow, Almost by Team Green, and Hundred Note by Team Pink are the other four short films created by Creative Minds of Tomorrow. A 100-rupee bill.

Source: Livemint

India wins the post of vice-chairman of the International Electrotechnical Commission

Why in News:

- India has been elected to serve as both the Chairman of the Strategic Management Board (SMB) and Vice-Chairman of the International Electrotechnical Commission (IEC) for the years 2023–25.



key points:

- For the creation and dissemination of global standards for all electrical, electronic, and associated technologies, it is the foremost body in the world.
- The term "electrotechnology" refers to all of these.
- At the International Electrotechnical Commission (IEC) conference held in San Francisco, United States, it received more than 90% of the votes cast by the complete members.
- India's vice president for the IEC will be Vimal Mahendru.
- In order to ensure that Indian perspectives are presented on crucial strategic and policy issues and to align national standardization priorities with global best practices, BIS (India) is represented in the policy and governance bodies of the International Organization for Standardization (ISO) and IEC.



- BIS is India's national standards organization for the orderly growth of the activities of product standardization, marking, and quality certification.
- The IEC (International Electrotechnical Commission), which was founded in 1906, is the foremost organization in the world for creating and disseminating international standards for all forms of electrical, electronic, and related technology.

Source: The Hindu

Absolute in collaboration with DigiSafe launches Digifasal - DIY insurance for farmers

Why in News:

- Plant bioscience company Absolute has introduced Digifasal, the nation's first do-it-yourself insurance product.

key points:

- Offering services including soil testing, consulting, and now insurance to one million farmers at every stage of agricultural production, Upaaj is part of Absolute's EggCloud ecosystem.
- Absolute has taken advantage of DigiSafe's InsureTech capabilities to raise the country's insurance penetration rate.
- Over 100 engineers in artificial intelligence (AI) and machine learning (ML) have worked on the product for the better part of seven years.
- It will offer solutions through cost-effective insurance options and supplement currently offered insurance programs like Pradhan Mantri Fasal Bhima Yojana (PMFBY).
- As a result, farmers can select an insurance plan that fits their budget.



Source: PIB

Mumbai becomes the first city in South Asia to top CDP's climate action list

Why in News:

- The 5th Annual Cities Report from CDP features Mumbai as the first Indian city on the A-list.



key points:

- The CDP has identified 122 cities around the globe as leaders in environmental action and transparency in 2022.
- It includes cities from several Global South nations, including Mumbai, for the first time.
- Despite difficult global economic conditions, Mumbai has maintained its ranking, according to the CDP.
- Based on environmental data submitted by cities to the CDP-ICLEI track, CDP created its Cities A-List.
- Mumbai is the most populated city in India and the seventh most populous city in the world.
- Mumbai had earlier unveiled a thorough plan to eliminate carbon emissions by 2050.
- Mumbai has established this timeline as the first city in South Asia with this announcement.
- The purchase of 2,100 electric buses by 2023 at a cost of 130 billion rupees (\$1.7 billion) is one of Mumbai's top immediate objectives.

Source: Indian Express

Cuttack Bali yatra Enters Guinness Book of World Records as Over 22,000 Paper Boats Made In 35 Mins

Why in News:

- For creating 22,000 paper boats in 35 minutes, Cuttack Bali Yatra has entered a world record in the Guinness Book of Records.



key points:

- More than 2,100 pupils from 22 schools participated in an activity at Barabati Stadium during the Bali Yatra celebration when the district administration and the Cuttack Municipal Corporation manufactured paper boats, setting a world record in the process.
- To gain international recognition for Cuttack's Baliyatra, the largest open-air trade fair in the state, attempts have been made to establish a world record.
- Cuttack Bali Yatra contacted the Guinness World Records office in London regarding a plan to make 10,000 paper boats in just 15 minutes.



- The record book officials issued the protocol for holding the event, and the administration involved about 3,000 students who had also received training in making paper boats.
- Officials of the record book determined the dimensions and weight of paper boats.
- The ability to fold the most simultaneous origami figurines has been recognized as a Guinness World Record.

Source: Times of India

Karmyogi Prarambh Module

Why in News:

- For everyone hired through the job fair, Prime Minister Modi has introduced the Karmayogi Prarambh Module.



key points:

- A project under the Mission Karmayogi umbrella is the Karmayogi Prarambh Module.
- An online orientation programme called Karmayogi Prarambh Module is available for new hires in many government agencies.
- The Karmayogi Prarambh Module is made to assist brand-new government workers in comprehending the code of conduct necessary to fit into their new function.
- Topics like ethics, honesty, HR regulations and other perks, allowances, etc. in the workplace are covered in the Karmayogi Prarambh module.
- On September 20, 2020, the National Program for Civil Services Capacity Building was introduced with the goal of improving public service delivery by reforming Indian bureaucracy at the human, institutional, and process levels.
- Chief ministers, Union cabinet ministers, and specialists make up the Prime Minister's Human Resource Council, which oversees the effort.
- Through video conferencing, Prime Minister Modi distributed approximately 71,000 appointment letters to newly hired recruits during the event.

Source: The Hindu



'53-Hour Challenge' for the '75 Creative Minds Tomorrow' launched today by Union Minister Anurag Singh Thakur

Why in News:

- Anurag Thakur, a Union Minister, introduced the "53-Hour Challenge," which is taking place in conjunction with the 53rd International Film Festival of India.



key points:

- 75 "Creative Minds" have been given the task of creating a short video about their vision of India@100 in 53 hours as part of the project 75 Creative Minds Tomorrow.
- National Film Development Corporation (NDFC) in collaboration with Shorts TV is sponsoring this portion of IFFI 53.
- 75 young people have access to 75 Creative Minds Tomorrow as a platform to network, develop their skills, absorb the greatest knowledge, and advance in their careers.
- The initiative aims to find, foster, and support emerging filmmaking talent from every region of the nation.
- This section serves as a yearly forum at the International Film Festival of India, which is held in Goa, for the purpose of spotting, supporting, and nurturing young creative talent in a variety of filmmaking-related fields.
- Anurag Singh Thakur, Union Minister for Information and Broadcasting, Youth Affairs, and Sports, announced the 75 Creative Minds of Tomorrow initiative.

Source: Indian Express

Anamalai Tiger Reserve in Coimbatore launches 'jumbo trails'

Why in News:

- The Annamalai Tiger Reserve (ATR) in Coimbatore, Tamil Nadu, has introduced "Jumbo Trails."



key points:

- Jumbo Trails' mission is to inform tiger reserve visitors about ATR's elephants, flora, and animals, as well as the indigenous communities that live in the surrounding hills.



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- Advanced Wildlife Management Training Center (Attakatti) coordinates Jumbo Trails, which are carried out by Keelpunachi Eco Development Committee.
- The exhibits at the Interpretation Center will be explained by biologists and other resource people from the Forest Department as part of Jumbo Trails, giving registered participants a comprehensive understanding of the Annamalai Tiger Reserve.
- A Forest Department truck will transport the participants to the top slip, where they will then be led on a natural route to Ambili Watch Tower, which provides a bird's-eye view of Pollachi.
- The resource person will describe the local flora and wildlife to them as they go through the woodland on the nature trail.
- The inhabitants of the tribal community will give them herbal tea when they get to the Watchtower beneath the Jumbo Trails.

Source: Business Standards

India assumes chair of the global partnership on artificial intelligence

Why in News:

- India assumed the chairmanship of the Global Partnership Group for Artificial Intelligence on 21 November.



key points:

- The group is an international initiative to support human-centered development and responsible use of artificial intelligence.
- The meeting of this group in Tokyo was attended virtually by the Minister of Electronics and Information Technology.
- During this, the chairmanship of the group was symbolically assumed by India from France.
- India had earlier taken over the chairmanship of the G-20 organization in Bali, Indonesia.
- Under this, India has expressed its commitment to the member countries of the group in the direction of making an action plan for the good use of Artificial Intelligence around the world.
- India is building a system of modern cyber laws and action plans that will be governed by principles of transparency, security and trust, and accountability.

Source: The Hindu



Buddhavanam- The first Buddhist heritage theme park

Why in News:

- Buddhavanam has earned the tag of 'must-visit' among the tourist places in Nagarjunasagar.

key points:

- Buddhavanam is the first Buddhist heritage theme park located in Nagarjunasagar, Telangana.
- The project, initially developed by the Andhra Pradesh Development Corporation, was transferred to the Telangana State Tourism Development Corporation (TSTDC) after bifurcation in the year 2003.
- Spread over 274 acres, the Buddhist planned heritage theme park is divided into eight sections.
- The Buddhapada with 'Ashtamangala' (eight auspicious) symbols carved in Palnadu limestone at the entrance of the park, and the Dhamma bell are the major attractions of this section.
- The most popular spot in the Buddhavanam project is the Mahastupa, which is 42 meters in width and 21 meters in height.
- The Buddha Charitavanam near the Mahastupa in the Buddhavanam Park depicts the five major events of the life of Gautama Buddha – Birth, Four Meetings, and Great Departure.



Source: Livemint

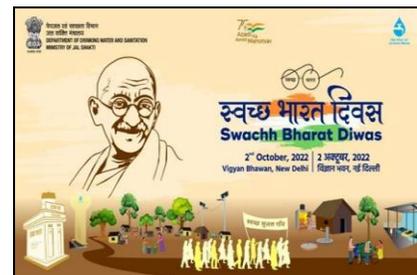
Jal Jeevan Survekshan-2023

Why in News:

- Jal Jeevan Survekshan (JJS) Toolkit 2023 has been launched by the Vice President of India.

key points:

- The Jal Jeevan Survekshan Toolkit has been developed by the Union Ministry of Jal Shakti to help States/UTs understand the assessment criteria.
- Jal Jeevan Mission was launched on August 15, 2019.



- Jal Jeevan Mission is implemented by the Ministry of Jal Shakti.
- Jal Jeevan Mission aims to provide safe and sufficient drinking water to all rural households and public institutions through household tap connections by the year 2024.
- Jal Jeevan Mission ensures community participation and also includes awareness, education and communication campaigns.
- Jal Jeevan Mission also ensures development of water supply infrastructure to provide tap water connection to every rural household.
- Jal Jeevan Mission aims to provide socio-economic benefits to the rural population.

Source: PIB

NESTS, 1 million for 1 billion Foundation sign MoU to conduct training and capacity building programs for teachers and students at Eklavya Model Residential Schools

Why in News:

- A Memorandum of Understanding (MoU) has been signed by the National Education Society for Tribal Students (NESTS) and 1 million for 1 billion Foundation (1M1B) to train teachers and students at Eklavya Model Residential Schools (EMRS).



key points:

- The objectives of the program include training and capacity-building programs for teachers and students at Eklavya Model Residential Schools.
- The program will enable teachers and students with augmented reality and virtual reality skills using the AR-VR skills curriculum introduced by CBSE.
- In the pilot phase, the program will be implemented in EMRS of 2 states namely Rajasthan and Uttarakhand.
- The National Education Society for Tribal Students is an autonomous organization set up under the Ministry of Tribal Affairs with the objective of providing quality education to tribal students in their own environment.
- 1 million for 1 billion Foundation is a United Nations-recognized USA-based Not for Profit Company, which aims to redefine education in the traditional sense.



- It is also a registered Trusted Organization with the NGO Darpan Portal of NITI Aayog.

Source: The Hindu

COP27: India opposes draft text on Koronivia Joint Work on Agriculture

Why in News:

- India has opposed the draft text on the Coronavirus Joint Action on Agriculture at the United Nations Climate Summit (COP27) held in Egypt.



key points:

- According to India, rich countries do not want to reduce emissions by changing their lifestyle and are looking for cheaper solutions abroad.
- According to India, developed countries are blocking pro-poor and pro-farmer decisions by compromising the foundation of food security in the world, under the draft Coronaivia Joint Action.
- India argued for the protest saying that, in developing countries, farming is done by small and marginal farmers who work hard, and farmers face the additional stress of climate change along with adverse weather.
- According to India, the world today is facing a climate crisis due to high historical emissions by developed countries.

Source: The Hindu

Climate Change Performance Index 2023: India ranked 8th on the list

Why in News:

- Germanwatch, the New Climate Institute, and the Climate Action Network have published the Climate Change Performance Index 2023.



key points:

- Germanwatch, the New Climate Institute, and the Climate Action Network ranked it 8th out of 63 nations in their Climate Change Performance Index 2023, moving up 2 spots.



- India's rating has grown by 2 points as a result of decreased emissions and greater usage of renewable energy sources.
- 59 nations plus the EU, who collectively account for more than 92% of global greenhouse gas emissions, are evaluated on their implementation of the Paris Agreement pledges by the Climate Change Performance Index.
- GHG emissions, the utilization of renewable energy, energy use, and climate policy are some of the factors considered by the Climate Change Performance Index.
- Since 2005, Germanwatch, the New Climate Institute, and the Climate Action Network have released the Climate Change Performance Index annually.
- The Climate Change Performance Index aims to increase transparency in global climate politics and make it possible to compare the efforts and advancements made by various nations in terms of climate protection.

Source: The Hindu

"In Our LiFetime" Campaign Launched by India at COP 27

Why in News:

- The "In Our Lifetime" campaign has been launched jointly by the National Museum of Natural History, the Ministry of Environment, Forest and Climate Change, and the United Nations Development Program.



key points:

- The In Our Lifetime campaign envisages identifying youth between the ages of 18 to 23 to become sustainable lifestyle messengers.
- The In Our Lifetime campaign gives a global call for ideas from the world's youth who are passionate about living an environmentally conscious life.
- Under the In Our Lifetime campaign, youth will be encouraged to submit their climate actions that contribute a lifestyle to the environment within their capacity, and that can be shared globally.
- The In Our Lifetime campaign will involve more youth in climate change, adaptation, and mitigation and also provide them a platform to share their concerns, issues, and solutions globally.
- The Our Lifetime campaign will help amplify the voices of youth who are increasingly climate-conscious and recognize young climate champions.

Source: Indian Express



TRAI Ranks Jio as Strongest Telecom Brand in India

Why in News:

- Jio ranks ahead of Bharti Airtel and Vodafone Idea Limited as India's strongest telecom brand in India.



key points:

- TRAI has ranked companies according to their brand strength in its 'India's Most Desired Brands 2022'.
- As per the report released by TRAI, Reliance Jio tops the telecom category, followed by Bharti Airtel, Vodafone Idea Limited and BSNL.
- According to the report, Adidas is the top brand in the apparel category followed by Nike, Raymond, Allen Solly and Peter England.
- BMW is followed by Toyota, Hyundai and Honda in the automobile list.
- In the Baking and Financial Services Index, LIC is at the first position, followed by State Bank of India at the second position and ICICI Bank at the third position.
- In consumer electronics, LG, Sony and Samsung brands are among the top three in the list.
- ITC diversified group topped the list followed by Tata and Reliance.
- Hindustan Petroleum Corporation Limited (HPCL) topped the energy list, followed by Indian Oil Corporation (IOC) and Adani.
- Amul was the top brand in the food and beverages category, followed by Nescafe.
- As per the report, Fogg is the top FMCG brand, followed by Lakme, Nivea and Colgate.
- The top-ranked firms in the internet brands list are Amazon, Facebook, Flipkart and Google.

Source: Times of India

75 Creative Minds of Tomorrow

Why in News:

- 75 young people between the ages of 18 and 35 will have the chance to take part in the 53rd



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International Film Festival of India as special guests as part of the government's "75 Creative Minds of Tomorrow" initiative.

key points:

- Anurag Singh Thakur, the Union Minister for Information and Broadcasting, Youth Affairs, and Sports, is the leader of the 75 Creative Minds of Tomorrow program.
- Identifying, supporting, and nurturing young creative potential in filmmaking from every corner of the nation is the goal of this effort.
- This part serves as a yearly platform during the International Film Festival of India, which is held in Goa, for the purpose of spotting, supporting, and nurturing new creative potential in a variety of filmmaking-related fields.
- This effort, which was started in 2021 as part of the "Azadi ka Amrit Mahotsav" celebrations to honor the 75th anniversary of India's independence, is now in its second year.
- A distinguished jury working under the auspices of National Film Development Corporation will shortlist and select 75 creative minds in advance of the 53rd edition of the International Film Festival of India based on their presentations.

Source: PIB

India to host "No Money for Terror" Conference

Why in News:

- The 3rd Ministerial "No Money for Terror" conference will be held on the 18th and 19th of November this year in New Delhi, India.



key points:

- The Ministerial No Money for Terror (NMFT) conference aims to set the stage for international discussion on combating the financing of terror.
- The No Money for Terror conference included discussions on technical, legal, regulatory, and cooperative aspects of the financing of terrorism.
- The No Money for Terror conference aims to set the pace for other high-level official and political discussions focusing on terror finance.



- The inaugural edition of the No Money for Terror conference was held in Paris, France in the year 2018, while the second edition was held in Melbourne, Australia in the year 2019.
- The third edition was scheduled to take place in India in the year 2020 but was postponed due to the COVID-19 pandemic.
- The third edition will be organized by the Ministry of Home Affairs.
- This is the second major conference hosted by India this year.
- Discussions at the 3rd No Money for Terror conference will focus on global trends in terrorism and terrorist financing, the role of emerging technologies in financing terrorism, and the importance of global cooperation to address related challenges.
- The No Money for Terror conference will also focus on the role of the dark web in promoting fund transfer or crowdsourcing for terrorism.
- No Money for Terror aims to strengthen the role of the Financial Action Task Force (FATF) in setting global standards that can create an effective mechanism to combat terrorist funding.

Source: The Hindu

India to Build its First Hydrogen Fuel Cell Catamaran Vessel

Why in News:

- The Inland Waterways Authority of India and Cochin Shipyard has signed a memorandum of understanding (MoU) to build Varanasi, in Uttar Pradesh, the nation's first hydrogen fuel cell catamaran vessel.



Key Points:

- Cochin Shipyard has also inked an agreement for the building of two additional electric catamaran vessels for Guwahati and six for Uttar Pradesh.
- The 100-passenger hydrogen fuel cell catamaran yacht will be air-conditioned, according to Cochin Shipyard.
- It will be used in Varanasi following a trial in Kochi.
- Electric hybrid ships with air conditioning are made for moving over short distances in river waters.
- The electric hybrid ships with air conditioning can accommodate 50 passengers at a time.



- There will be aboard housing for the crew in addition to restroom and laundry facilities for the ship's passengers.
- The ships will significantly lower the amount of pollution in the nation's rivers.

Source: The Hindu

E-Waste (Management) Rules, 2022

Why in News:

- A notification has been issued by the Government of India on the E-waste (Management) Rules, 2022, which will be implemented from the next financial year.



key points:

- The E-waste (Management) Rules, 2022 were published by the Ministry of Environment, Forest and Climate Change on November 2, 2022.
- The new rule issued under the E-waste (Management) Rules, 2022 will be implemented from April 1, 2023.
- The new E-waste (Management) Rules, 2022 will be applicable to all businesses and persons involved in the manufacture, sale, transfer, purchase, refurbishment, dismantling, recycling, and processing of e-waste or electrical and electronic equipment.
- Under the new rules, the number of items classified as e-waste has increased from 21 to 106.
- The E-Waste (Management) Rules, 2022 covers all electrical equipment and radiotherapy equipment, nuclear medicine equipment and accessories, magnetic resonance imaging (MRI), electric toys, air conditioners, microwaves, tablets, washing machines, refrigerators, iPads, and others.
- The E-waste (Management) Rules, 2022 also cover electronic components, consumables, and parts that put electronic products into operation.
- The new rules will not apply to discarded batteries, which are covered under the Battery Waste Management Rules, 2022.
- The E-Waste (Management) Rules, 2022 are also not applicable to plastic packaging, which are covered under the Plastic Waste Management Rules, 2016.
- E-waste (management) regulations prohibit the use of hazardous substances for the manufacture of electrical and electronic equipment.



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- Under the E-waste (Management) Rules, 2022, it is mandatory for manufacturers of electronic equipment to reduce the use of lead, mercury, cadmium, and others that can harm human health and the environment.
- Under the new rules, random sampling of electrical and electronic equipment placed in the market will be carried out by the Central Pollution Control Board (CPCB) to monitor and verify compliance with the reduced use of hazardous substances.
- Under the new Act, the import or sale of new electrical and electronic equipment will be permitted only if they comply with government regulations, with the manufacturer having to withdraw all samples from the market if the product does not comply.

Source: The Hindu

Bhopal Railway Station Awarded 4-Star Rating 'Eat Right Station' Certification

Why in News:

- Bhopal Railway Station has been awarded a 4-star 'Eat Right Station' certification by the Food Safety and Standards Association of India (FSSAI) for "providing high-quality, nutritious food to passengers".



Key points:

- Railway stations are awarded certificates following an FSSAI-empaneled third-party audit agency on a scale of 1 to 5 for food storage and hygiene practices.
- The Eat Right India initiative is a massive effort by FSSAI to transform the food system of the country to ensure safe, healthy and sustainable food for all Indians.
- Earlier, Chandigarh Railway Station was the fifth Indian Railway station to receive the 5-Star 'Eat Right Station' certification in September 2021.
- Other railway stations with this certification are Anand Vihar Terminal Railway Station (Delhi), Chhatrapati Shivaji Terminus (Mumbai), Mumbai Central Railway Station (Mumbai), and Vadodara Railway Station.
- Eat Right India adopts a judicious mix of regulatory, capacity building, collaborative and empowerment approaches to ensure that our food is suitable for both people and the planet.

Source: Indian Express



Atal New India Challenge (ANIC)

Why in News:

- Women-centric challenges have been launched under the second edition of the Atal New India Challenge (ANIC) by the Atal Innovation Mission of NITI Aayog.

key points:

- The women-centric challenges of the Atal New India Challenge address the major issues faced by women from all walks of life.
- The Atal New India Challenge includes promoting women's hygiene through innovation, innovations to improve women's safety, professional networking opportunities for women, and innovations that improve the lives of working mothers and make the lives of rural women easier. Are included.
- Atal New India Challenge, Atal Innovation Mission, an initiative of NITI Aayog, aims to find, select and select technology-based innovations that solve regional challenges of national importance and social relevance through a grant-based mechanism of up to Rs 1 crore.
- The objective of the Atal New India Challenge is to discover, select, support, and encourage technology-based innovations that can address regional challenges of national importance and are socially relevant.
- The Atal New India Challenge supports the selected startups in the commercialization phase over the course of 12-18 months by soliciting innovations in the prototype phase.
- The goal of the Atal New India Challenge is to encourage innovations in important areas like education, health, water and sanitation, agriculture, food processing, housing, energy, mobility, space, etc. for India's sustained growth and development.



Source: All India Radio

Sovereign Green Bond Framework

Why in News:

- The final sovereign green bond framework has been approved by the government in line with the



budget announcement (Union Budget FY 2022-23).

key points:

- Green bonds are financial instruments that generate money to invest in environmentally sustainable and climate-friendly projects.
- Green bonds command a relatively low cost of capital compared to regular bonds.
- The Sovereign Green Bond Framework approval will help further strengthen India's commitment to the nationally determined contribution targets adopted under the Paris Agreement.
- Sovereign green bond frameworks are also helpful in attracting global and domestic investment in green projects.
- The proceeds from the issuance of green bonds can be channeled into public sector projects, which help reduce the carbon intensity of the economy.
- The proceeds under the Green Bond will be credited to the Consolidated Fund of India (CFI) in line with regular Treasury policy and will then be made available to fund eligible green projects from the CFI.
- Every year, under the Sovereign Green Bond Framework, the Finance Ministry will inform the RBI about the expenditure on green projects for which the funds raised through these bonds will be used.
- Sovereign Green Bonds are under India's commitments under the framework "Panchamrut", as clarified by Prime Minister Narendra Modi at COP26 in Glasgow in November 2021.

Source: The Hindu

Dynamic Ground Water Resources Assessment Report, 2022

Why in News:

- The Union Minister of Jal Shakti has released the nation's dynamic groundwater resource assessment report for the year 2022.

Key Points:

- The overall annual groundwater recharge in India is 437.60 billion cubic meters (BCM), whereas the annual groundwater extraction is 239.16 BCM, according to the Dynamic Groundwater Resources Assessment Report.



- According to the Dynamic Ground Water Resources Assessment Report, groundwater recharging has increased in India this year.
- With one-fourth of the world's withdrawals, India is the greatest groundwater user.
- The paper claims that 48% of the water used in Indian cities comes from groundwater.
- The degree of groundwater extraction is greater than 100% in the states of Haryana, Punjab, Rajasthan, Dadra, Nagar Haveli, Daman, and Diu, according to the Dynamic Groundwater Resource Assessment Report, 2022.
- Groundwater extraction levels in Delhi, Tamil Nadu, Uttar Pradesh, Karnataka, and the Union Territories of Chandigarh, Lakshadweep, and Puducherry are normal, ranging between 60 and 100%, according to the Dynamic Groundwater Resource Assessment Report.
- The groundwater extraction level is in critical condition in other Indian states where it is less than 60%, according to the Dynamic Ground Water Resources Assessment Report.
- India relies heavily on groundwater for irrigation and consumes a significant portion of the world's groundwater supply, which could eventually cause a groundwater crisis in India.

Source: Indian Express

Mangrove Alliance for Climate (MAC)

Why in News:

- India has joined the Mangrove Alliance for Climate (MAC) at the 27th summit of the Conference of the Parties (COP27) in Sharm el-Sheikh, Egypt.



key points:

- Led by the United Arab Emirates (UAE) in partnership with Indonesia, the Mangrove Alliance for Climate was launched with the aim of accelerating the conservation of mangrove forests.
- India has joined the Mangrove Alliance for Climate as a partner along with Australia, Japan, Spain and Sri Lanka.
- Mangrove forests, also known as mangrove swamps, are productive wetlands found in coastal intertidal areas.



- Mangrove forests are mainly found in tropical and sub-tropical latitudes.
- Mangroves can absorb four to five times more carbon emissions than tropical forests and are also helpful in creating new carbon sinks.
- Mangrove forests constitute about 0.15% of the total geographical areas in India.
- In India, mangrove forests are mostly found in West Bengal.
- The top three states where mangrove forests are found in India are West Bengal, Gujarat, Andaman, and Nicobar Islands.
- The largest mangrove forest in India is found in the Sundarbans which is also included in the UNESCO World Heritage Site.

Source: Business Standard

Mother tongue survey of India

Why in News:

- Mother tongue Survey of India (MTSI) with field videography of 576 languages of the country has been completed by the Ministry of Home Affairs (MHA).

key points:

- The Mother tongue Survey of India is a project that "surveys mother tongues", and this survey also documents the linguistic characteristics of selected languages.
- Video-graphed speech data of mother tongues will also be uploaded on the NIC survey for collection purposes by the government under the Mother Language Survey of India.
- The Mother tongue Survey of India is a regular research activity in the country since the Sixth Five Year Plan.
- According to an analysis of the 2011 Linguistic Census data in the year 2011, there are more than 19,500 languages or dialects spoken in India as a mother tongue.
- According to the survey After subjecting 19,569 returns to linguistic scrutiny, editing and rationalization, they were divided into 121 mother tongues.
- According to the 2011 Linguistic Census, Hindi is the most widely spoken mother tongue, spoken by 528 million people.
- The most spoken language after Hindi is Bengali, which is spoken by 9.7 crore people.



Source: Indian Express

National Bio-Energy Program

Why in News:

- The Ministry of New and Renewable Energy (MNRE) has announced the continuation of the National Bio-Energy Program by the year 2025-26.



key points:

- The National Bio-Energy Program was notified by the Ministry of New and Renewable Energy (MNRE) on November 2, 2022.
- The National Bio-Energy Program has been recommended to be implemented in two phases, the first phase of which has been approved with a budget outlay of Rs 858 crore.
- The National Bio-Energy Program aims to help utilize the vast surplus biomass, cattle dung, and industrial and urban bio-waste available in the country for energy.
- Three sub-schemes will be included in the National Bio-Energy Program, which includes-
 - waste to energy program
 - Biomass program to support the installation of pellets and briquettes for use in power generation projects
 - Biogas program to support household and medium-sized biogas installation in rural areas.

Source: The Economic Times

National Population Register

Why in News:

- The need to update the National Population Register (NPR) database across the country except Assam has been highlighted in its latest annual report released by the Ministry of Home Affairs.



key points:

- According to the Ministry of Home Affairs, updating the National Population Register database is required to be done to incorporate the changes due to births, deaths and migration.
- The National Population Register is a register of the usual residents of the country, in which it is mandatory for every ordinary resident of India to register the NPR.
- The objective of the National Population Register is to create a comprehensive identity database of every normal resident of the country.
- The first National Population Register was prepared in the year 2010 and the updating of this data was done through door-to-door surveys during the year 2015.
- The work of updating the next National Population Register was to be done along with the Census of the year 2021, but due to the outbreak of the Kovid-19 pandemic, the work of updating the National Population Register and other related field activities were postponed.
- The National Population Register is administered by the Office of the Registrar General of India under the Ministry of Home Affairs.
- The National Population Register has been prepared under Rule 3 of the Citizenship Rules, 2003, which were created under the Citizenship Act, 1955.
- The National Population Register is completely different from the National Register of Citizens (NRC).

Source: The Hindu

Broadcast Air-Time Scheduler (BATS)

Why in News:

- A fully integrated traffic and billing application software "Broadcast Air-time Scheduler (BATS)" has been inaugurated by Prasar Bharati for all commercial operations of All India Radio.



key points:

- BATS was launched to bring transparency in all commercial operations of All India Radio and will also help in making the entire commercial operation efficient.
- Broadcast Air-time Scheduler facilitates monitoring of booking, billing and payment receipts, etc at various stages.



- Broadcast air-time schedulers are designed to manage the scheduling and billing of advertising orders across multiple stations through a central database.
- BATS will also play an important role in enhancing the operational efficiency of All India Radio and reducing costs.
- The broadcast air-time scheduler can seamlessly handle contracts from release order entry to single or multi-invoice billing.
- Accurate billing can be ensured by effectively managing the account hierarchy, various packages, products, etc. using BATS.
- Payment processing and collection can also be done through the integrated payment gateway of SBI under Broadcast Air-time Scheduler.

Source: PIB

Seema Darshan Project

Why in News:

- Citizens have been urged by Prime Minister Narendra Modi to visit Nadabet and other border areas as part of Seema Darshan for tourism.



key points:

- Seema Darshan Project has been started with the aim of providing an opportunity to the people.
- The objective of the Seema Darshan project is to spread the life and work style of Border Security Force (BSF) personnel on our border among the people.
- Nadabet is situated in the Rann of Kutch region, also known as 'Wagah of Gujarat'.
- In Nadabet, citizens have been provided access to the International Border with Pakistan at 'Zero Point'.
- In the Indo-Pakistani War of 1971 at Nadabet, the BSF not only stopped the enemy trying to attack from the west, but also captured 15 enemy posts.
- During the war, 1,038 square kilometers of Pakistan's territory in the Nagarparkar and Diplo areas was occupied by the BSF, which was returned to Pakistan under the Simla Agreement.
- Earlier, a unique memorial museum named Seema Darshan was established by BSF at Sam sand dunes in Jaisalmer with the objective of creating awareness about the duties of BSF and incidents of bravery to the general public.



Source: All India Radio

FAO's Food and Agriculture Status Report 2022

Why in News:

- The State of Food and Agriculture Report 2022 has been released by the Food and Agriculture Organization (FAO).

key points:

- Agricultural automation may exacerbate inequality, according to the report released by the Food and Agriculture Organization (FAO), with agricultural automation encompassing all practices that aid in planting and harvesting with the aid of machines and other equipment.
- The State of Food and Agriculture Report 2022 released by FAO is based on the theme "How agricultural automation in our agri-food systems can contribute to achieving the Sustainable Development Goals".
- Agricultural automation plays a vital role in making food production more efficient and eco-friendlier.
- According to the report, agricultural automation also has a downside, it can deepen inequalities if it remains inaccessible to small-scale producers and other marginalized groups.
- According to the report, agricultural automation can lead to unemployment in places where rural labor is abundant, and wages are low.
- According to the report, there exist wide disparities in the spread of automation between and within countries, with resources being particularly limited in sub-Saharan Africa.



Source: The Hindu

Centre Sets Up Radhakrishnan Committee for Higher Educational Institutions

Why in News:

- A high-level panel has been constituted by the Ministry of Education with the objective of strengthening the evaluation and accreditation of higher educational institutions.



key points:

- The panel will be headed by Dr. K. Radhakrishnan, Dr. K. Radhakrishnan is also the Chairman of the Standing Committee of the IIT Council.
- Other members of the committee include Mridul Hazarika, Vice Chancellor Mahapurush Srimanta Sankardev University of Assam, Bharat Bhaskar, Professor IIM Lucknow.
- The main functions of the committee include strengthening assessment and accreditation processes and preparing a road map for the National Accreditation Council as envisaged in the National Education Policy, 2020.
- The accreditation status of any higher educational institution serves as a source of reliable information for students, employers and society about the quality of education being offered at the institution.
- Along with the progress of any country, education has been considered as the most important basis for the all-round development of its citizens. The Indian education system has played an important role in the formation of modern India since the independence of the country.
- The National Education Policy, 2020 was announced by former ISRO chief Dr. K. It has been prepared based on the recommendations of a committee headed by Kasturirangan.
- The objective of the National Education Policy 2020 is to promote innovation and research in education along with improving the quality of education and make the Indian education system capable of global competition.

Source: The Hindu

“Niveshak Didi” programme launched in order to promote financial literacy

Why in News:

- India Post Payments Bank organizes India's first floating financial literacy camp with an aim to enhance financial literacy with the concept of 'for women, by women' under 'Niveshak Didi' initiative in Srinagar (J&K) have gone.



key points:

- Niveshak Didi program is based on the ideology of women for women as women in rural area feel more comfortable to share their queries with a woman.



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- Niveshak Didi program has been launched by India Post Payments Bank in association with Investor Education and Protection Fund Authority under the aegis of Ministry of Corporate Affairs.
- In the first session of the Niveshak Didi program, topics such as banking and financial products, the importance of joining the mainstream financial services offered by regulated entities and protection from various investment risks and fraud prevention measures will be discussed.
- India Post Payments Bank has been set up under the Department of Posts, Ministry of Communications with 100% equity owned by the Government of India.
- India Post Payments Bank has been established with a vision to make the most accessible, affordable and reliable bank for the common man in India.
- The basic objective of India Post Payments Bank is to remove barriers for the unbanked and take the benefits of a network of 160,000 post offices and 400,000 postal workers to the last person.

Source: Indian Express

Ministry of Education Releases Report on Performance Grading Index (PGI) for States/UTs

Why in News:

- The Performance Grading Index (PGI) for the year 2020-21 has been released by the Ministry of Education, an evidence-based comprehensive analysis of the school education system in states and union territories.



key points:

- The main objective of the PGI report released by the Ministry of Education is to promote evidence-based policy making and highlight curriculum reforms to ensure quality education for all.
- “The Indian education system is one of the largest in the world with about 14.9 lakh schools, 95 lakh teachers and around 265 million students from different socio-economic backgrounds.
- The PGI Report for the States/UTs has been prepared by the Department of School Education and Literacy for the States/UTs to provide insights on



performance and achievements on the success of school education in all States/UTs.

- Earlier, the PGI report for the years 2017-18, 2018-19 and 2019-20 has been released by the department.
- The PGI structure consists of 1,000 points out of 70 indicators, which are divided into two categories - Outcomes and Governance Management.
- Level II (score 901-950) has been achieved in the year 2020-21 by a total of 7 states and union territories, viz., Kerala, Punjab, Chandigarh, Maharashtra, Gujarat, Rajasthan and Andhra Pradesh.

Source: The Hindu

CBDT launch HARIT initiative

Why in News:

- The 'HARIT Income Tax' initiative has been started by the Income Tax Department with the aim of increasing greenery and creating micro forests.



key points:

- Under the HARIT Income Tax Initiative, it has been resolved to increase the green cover by planting trees and creating micro forests in and around the buildings and other public areas of the Income Tax Department.
- HARIT Initiative is the short form of Hariyali Achievement Resolution by Income Tax Department.
- The officers and employees of Income Tax Department have resolved to fulfill the goal of HARIT Income Tax Initiative in the coming year ending 31st October, 2023.
- To take forward the HARIT income tax initiative, the department will welcome the dignitaries with potted plants or a single stalk of any flower in the programs and events organized by it.
- In the year 1924, the Central Board of Revenue was constituted as a statutory body, with functional responsibilities for the administration of the Income Tax Act.
- In the year 1963, the Central Board of Revenue was bifurcated, and a separate Board for Direct Taxes known as the Central Board of Direct Taxes (CBDT) was constituted under the Central Board of Revenue Act, 1963.



- The Central Board of Direct Taxes is a statutory authority functioning under the Central Board of Revenue Act, 1963.

Source: PIB

Dharmendra Pradhan signs MoU with FIFA and AIFF for Football4Schools

Why in News:

- An MoU has been signed with FIFA and All India Football Federation for the 'Football4School' initiative in India by the Union Minister of Education and Skill Development and Entrepreneurship, Shri Dharmendra Pradhan.



key points:

- The MoU for the initiative 'Football4School' has been signed by the President of FIFA, Mr. Gianni Infantino and Mr. Kalyan Choubey, President of the All-India Football Federation, on behalf of the respective organizations.
- Earlier this National Education Policy 2020 has given sports a place of pride and Football4School program promotes the spirit of National Education Policy 2020.
- Football4School program is a step towards realizing the vision of Prime Minister Shri Narendra Modi.
- The Football4School initiative aims to enhance the capacity of stakeholders to conduct life skill learning through football.
- Football is a hugely popular sport in India and the Football4School program will act as a positive tool to motivate children and ensure their overall development.
- FIFA was established in 1904 to oversee international competition between the national federations of Belgium, Denmark, France, Germany, the Netherlands, Spain, Sweden and Switzerland.
- The primary objective of FIFA is to spread football internationally and to promote integrity and fair play.

Source: Indian Express



Union Education Minister Inaugurates India's Second National Model Vedic School in Puri

Why in News:

- India's second National Model Veda Vidyalaya (RAVV) has been inaugurated in Puri by the Union Education Minister Dharmendra Pradhan.



key points:

- National Model Veda Vidyalaya has been started to spread the knowledge of Vedas among the people.
- National Model Veda Vidyalaya also known as National Adarsh Vedic Vidyalaya.
- Maharishi Sandipani National Model Vidya Pratishtan is the first such school in Ujjain, Madhya Pradesh.
- The curriculum of the National Model Veda Vidyalaya includes all the four Vedas, Rigveda, Samaveda, Yajurveda and Atharva.
- In National Model Veda Vidyalaya, students will also be provided with the opportunity to choose Science, English, Mathematics, Social Science, Computer Science and Agriculture.
- Admission to the National Model Vedic School on the basis of merit in 'Ved Bhushan' IV (Class 9), 'Ved Bhushan' fifth (Class 10), 'Ved Vibhushan' I (Class 11), and 'Ved Vibhushan' II (Class 12) But will be done.
- The curriculum in the National Model Vedic School will be started in the academic year 2022-23.
- Four more such schools will be opened by the government in Badrinath in Uttarakhand, Sringeri in Karnataka, Dwarka in Gujarat and Guwahati in Assam.

Source: Navbharat Times

Viswas Swaroopam, a Shiva statue, installed in the Rajasthani town, Nathdwara

Why in News:

- The world's tallest statue of Lord Shiva will be unveiled in Rajsamand district of Rajasthan.



key points:

- This idol of Lord Shiva has been named 'Vishva Swaroopam'.
- A 369-foot tall statue of Lord Shiva, set up in Nathdwara town of Rajsamand district, will be unveiled by Morari Bapu, a spiritual leader and missionary from Gujarat.
- This wonderful statue of Lord Shiva installed in Nathdwara will give a new dimension to religious tourism, and on this occasion, Ram Katha will be recited by Morari Bapu for nine days.
- This 'Vishva Swaroopam' statue of Lord Shiva is situated at a distance of 45 kms from Udaipur.
- The Vishva Swaroopam statue has been built by the Tat Padam Sansthan.
- Lord Shiva is sitting in a meditative posture in the Vishva Swarupam idol.
- 3000 tons of steel and iron, 2.5 lakh cubic tons of concrete and sand have been used to make the Vishva Swaroopam statue.
- Zinc alloy coating has also been applied to protect the copper-colored idol from rain and sun.
- The design of the Vishva Swaroopam statue has been wind tunnel test done in Australia.

Source: Indian Express

'Chintan Shivir' of Home Ministers

Why in News:

- A two-day 'Chintan Shivir' of Home Ministers will be organized in Haryana.

key points:

- The aim of the Home Ministers' Chintan Shivir is to provide a national perspective for the formulation of policies relating to India's internal security.
- Chintan Shivir aims to promote synergy in planning and coordination among various stakeholders at the national and state level.
- The Chintan Shivir will focus on topics such as modernization of police forces, management of cybercrime, use of information technology in criminal justice system, land border management, coastal security, women security, drug trafficking etc.



- Chintan Shivir has been organized under the spirit of cooperative federalism.
- The Chintan Shivir has been presided over by the Union Home Minister Amit Shah.
- The Chintan Shivir program has been attended by Chief Ministers of 8 states and Home Ministers and Deputy Chief Ministers of 16 states.
- The idea of 'One Nation, One Police Uniform' has been emphasized by Prime Minister Narendra Modi in Chintan Shivir to promote one uniform for all police in India.
- At present, each state has the freedom to have its own number or insignia.
- Some states like Kolkata, Tamil Nadu and Goa have adopted the white uniform.
- The vision of "One Nation, One Uniform" is to create common identity for law enforcement in India, making it easy for citizens to identify police personnel anywhere in the country.

Source: Indian Express

State

Nai Chetna campaign against gender-based violence gets underway in Kerala

Why in News:

- The Keralan government has started the Nai Chetna campaign to end gender-based violence.

key points:

- The Government of Kerala has started a month-long campaign called "Nai Chetna" that takes the shape of a "Jana Andolan," or people's movement.
- The Ministry of Rural Development has started the "Nai Chetna" campaign.
- The government is the target of Nai Chetna Abhiyaan's campaign to educate women in rural areas.
- Women in rural areas aren't aware of all the ways they can voice their concerns.



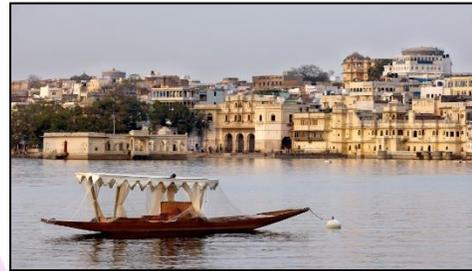
- The Nai Chetna campaign includes the goals of raising awareness of the problem of gender-based violence, educating women about their rights, and providing them with resources to help them resolve their issues.
- On the International Day for the Elimination of Violence Against Women, the Kerala government introduced the "Nai Chetna" campaign.
- The Nai Chetna campaign seeks to increase public awareness of the institutional tools at women's disposal to combat gender-based violence.

Source: Indian Express

Udaipur gears up for first G20 Sherpa meeting under India's presidency

Why in News:

- The inaugural G20 Sherpa summit will take place in India from December 4 to December 7 in the Rajasthani city of Udaipur.



key points:

- The leaders of the G20 nations' personal envoys are known as sherpas.
- India will legally take over the G-20 chairmanship on December 1st, 2022.
- The G20 summit, which will take place in New Delhi in September 2023, would have an agenda chosen by India as the host country.
- Amitabh Kant, an Indian Sherpa, will preside over the G20 Sherpa meeting.
- The top officials from the G20 nations meet several times before the summit to finalize the agenda.
- The G20 process is run by the member states Sherpas, who serve as the leaders' personal envoys.
- The financial crisis of the late-1990s, which had a particularly negative impact on East Asia and South-East Asia, served as the backdrop for the formation of the G20.
- The G20 includes middle-income nations in an effort to ensure global financial stability.
- Uday Singh II of the Rajput Sisodia dynasty established the state of Udaipur in 1559.
- The "City of Lakes" is how people commonly refer to the state of Udaipur.

Source: Indian Express



Har Ghar Gangajal Yojana

Why in News:

- The Har Ghar Gangajal project was launched by the Bihar government to supply water from the Ganga to dry areas that are not near its banks.



key points:

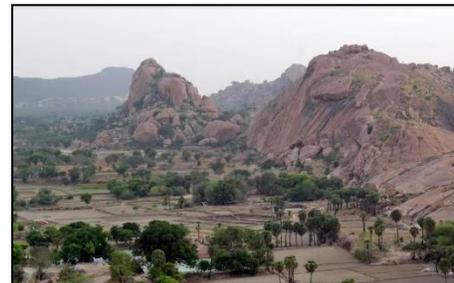
- The Har Ghar Gangajal proposal calls for the monsoon season's extra Ganga water to be gathered, processed, stored, and piped to Rajgir, Gaya, and Bodh Gaya.
- The state government's Jal, Jeevan, Hariyali scheme will include the launch of the Har Ghar Gangajal project.
- A total of Rs 4,000 crore will be spent on the project's first phase of implementation.
- In this phase, a sizable pump will be used to lift Ganga water from Hathidah near Mokama in order to provide water to roughly 7.5 lakh households in Rajgir, Bodh Gaya, and Gaya.
- After being initially stored in reservoirs in Rajgir and Gaya, the collected water will be transported to three treatment and purification facilities.
- Through pipes from Hathidah, the general public will receive treated water.
- To get to each beneficiary's home, the Har Ghar Gangajal project will use new, renovated, and existing water connections.
- The project's second phase, which will begin in 2023, will deliver Ganga water to Nawada.
- The government intends to give each beneficiary of the Har Ghar Gangajal project 135 liters (two large buckets) of Ganga water each day for drinking and domestic use.

Source: The Hindu

Tamil Nadu Gets Its First Biodiversity Heritage Site in Arittapatti Village

Why in News:

- The state's first Biodiversity Heritage Site has been designated as Arittapatti and



Meenakshipuram villages in the Madurai district by a notification from the Tamil Nadu government.

key points:

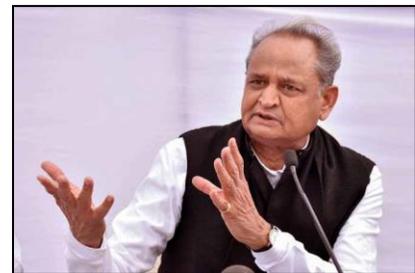
- Species richness, uncommon, endemic, and threatened species, keystone species, species of evolutionary relevance, wild ancestors of domesticated species, etc. are characteristics of Biodiversity Heritage Sites, which are designated as unique and ecologically vulnerable ecosystems. reputed to house components
- These regions are significant both in terms of biodiversity and cultural considerations, such as sacred groves, sites, or other sizable community-protected areas.
- Arittapatti Village and Meenakshipuram Village are the two villages that make up the Arittapatti Biodiversity Heritage Site.
- The village of Arittapatti is renowned for its ecological and historical significance, and it also harbors about 250 different bird species.
- A chain of seven hills, known as inselbergs, surrounds the area and provides water for 72 lakes, 200 natural springs, and 3 check dams.
- Due to the existence of various megalithic buildings, rock-cut temples, Tamil Brahmi inscriptions, and Jain beds, this BHS is also historically noteworthy.
- According to section 37 of the Biological Diversity Act of 2002, the area has been designated.

Source: The Hindu

Rajasthan government's new scheme gives a boost to the businesses of Dalits

Why in News:

- Bhimrao Ambedkar, M.D. The Department of Industries and Commerce, Government of Rajasthan, has introduced the Rajasthan Dalit, Adivasi Udyog Protsahan Yojana - 2022 to guarantee the involvement of Scheduled Castes (SC) and Scheduled Tribes (ST) in industrial development in the state.



key points:

- In addition to 25% margin money, the Adivasi Udyog Protsahan Yojana provides provisions for a 9% interest subsidy on loans up to Rs 25 lakh and a 7% interest subsidy on loans up to Rs 5 crore.
- Adivasi Udyog Protsahan Yojana offers subsidies and other benefits to those who qualify, including first-generation business owners.
- In addition to offering land at reduced rates and other incentives, the Tribal Industry Promotion Scheme will also use incubation centers to arrange programs on entrepreneurship, skill development, and training.
- The state of Rajasthan has the seventh-highest GDP in the nation.
- The state's GDP expanded by 3 lakh crores over the previous three years, demonstrating its growth.

Source: Business Standard

Uttarakhand government to launch scheme to develop border villages

Why in News:

- Pushkar Singh Dhami, the chief minister of Uttarakhand, has proposed the introduction of a comprehensive plan for the planned development of the state's border villages.



key points:

- The program's name, "Mukhyamantri Pratham Gram Same Kit Vikas Yojana," refers to the prime minister's claim that border villages were the nation's initial settlements.
- During his visit to Mana, the last Indian village near the India-China border in Uttarakhand's Chamoli district, Prime Minister Narendra Modi used the phrase "border villages" to emphasize the need to prioritize their development.
- Pushkar Singh Dhami, the chief minister of Uttarakhand, announced the launch of an integrated program for the planned development of border villages during a review meeting of the Panchayati Raj Department.
- The "Chief Minister Environment Friend Scheme" will be implemented to improve the cleanliness of Uttarakhand villages.
- Each village will have a Paryavaran Mitra deployed as part of the Mukhyamantri Paryavaran Mitra Yojana.



- In addition to this, "Chief Minister's Chaupal" will also be launched for the gram panchayats' planned development.
- The villagers' proposals for improving the chappals will be given top attention, and an action plan for their development will be created as a result.

Source: Livemint

Madurai's Arittapatti notified Tamil Nadu's 'First Biodiversity Heritage Site'

Why in News:

- Aritapatti and Meenakshipuram villages in the Madurai district have been designated as the first Biodiversity Heritage Sites of the state, according to a notification from the state government of Tamil Nadu.



key points:

- Notified areas that are special and ecologically vulnerable ecosystems and that meet one or more criteria, such as species richness, rare, endemic, and threatened species, keystone species, species of evolutionary importance, wild ancestors of domesticated species, etc., are known as biodiversity heritage sites. reputed to contain more components
- Cultural factors like sacred groves/trees, sites, or other sizable community-protected areas make biodiversity heritage sites valuable from a biodiversity perspective.
- Two villages make up the Arattapatti Biodiversity Heritage Site: Arattapatti Village (Melur Block) and Meenakshipuram Village (Madurai East Taluk).
- The significance of Arattapatti village's ecology and history is well known.
- About 250 different bird species can be found in Arattapatti village, including three significant raptors: the Lager Falcon, Shaheen Falcon, and Bonelli's Eagle.
- Arattapatti village is also home to various wildlife like pythons, slender lorises, and Indian pangolins.
- A chain of seven inselbergs that surrounds the village of Arattapatti provides water for 72 lakes, 200 natural springs, and 3 check dams.
- Due to the presence of numerous megalithic structures, rock-cut temples, Tamil Brahmi inscriptions, and Jain beds, the Arattapatti village BHS is also historically significant.
- According to section 37 of the Biological Diversity Act of 2002, the area has been designated.



- State governments are given the authority to inform BHS after consulting with "local bodies" under this section.
- In accordance with subsection 2 of section 37, the State Government may establish regulations for the administration and defence of the BHS after consulting with the Central Government.

Source: Indian Express

U.P. CM launches Hackathon 2022, hails India's 'centuries-old' ties with Africa

Why in News:

- Yogi Adityanath, the chief minister of Uttar Pradesh, officially opened the UNESCO-India-Africa Hackathon 2022 at Gautam Buddha University in Greater Noida.



key points:

- The Union Ministry of Education organized the hackathon, which had students from 22 different African nations taking part.
- At the 36-hour UNESCO India-Africa Hackathon, 603 students will strive to develop technological fixes for pressing problems in the areas of education, agriculture, health, energy, and drinking water.
- Yogi Adityanath has extended an invitation to the participating African students to travel to historic towns like Varanasi, Prayagraj, Ayodhya, and others while the event is taking place.
- Computer programmers and other interested parties come together at a hackathon, commonly referred to as a codefest, to create or upgrade new software.

Source: Indian Express

Sarbananda Sonowal inaugurated the Regional Research Institute of Unani Medicine in Silchar

Why in News:

- Union Minister Sarbananda Sonowal has opened the Regional Research Institute of Unani Medicine in Silchar.



key points:

- The new campus, which cost Rs 48 crore to construct, spans 3.5 acres of land.
- The National Projects Construction Corporation (NPCC), a Government of India Enterprise, created the complex.
- The Central Council for Research in Unani Medicine, an independent agency under the Ministry of AYUSH, Government of India, is in charge of the Naveen Unani Medicine Research Institute.
- The newly built RRIUM campus will operate under CCRUM.
- Ayush includes homeopathy, yoga, Unani, Siddha, and Ayurveda.
- All of these health systems are promoted and developed by the Ministry of AYUSH, which also carries out medical education pertaining to them and offers health services to the general public via these systems.
- Unani medicine is a conventional method of treatment and health maintenance in South Asia. It is also referred to as Arab medicine, Islamic medicine, or Unani medicine.
- The Unani medical system treats illnesses affecting all of the body's systems and organs.

Source: PIB

Tripura CM Launches 'Amar Sarkar' Web Portal to Deliver Benefits Among Citizens

Why in News:

- The 'Amar Sarkar' web portal has been launched by the Chief Minister of Tripura to provide benefits of Central and State sponsored schemes to the citizens.



key points:

- The Tripura government has launched the Amar Sarkar portal with the aim of acting as a bridge between the people and the government.
- A total of 78 departments including the Panchayat department have been included in the Amar Sarkar web portal.
- Amar Sarkar Portal will be helpful for people to register their problems and complaints through the officials of the Village Committee.



Monthly Current Affairs

- Various problems and complaints of the people will be registered through the village and village committee-level workers under the Amar Sarkar web portal.
- Earlier in September 2022, the 'Har Ghar Sushasan' initiative was launched by the state government to mark the birthday of Prime Minister Narendra Modi.
- The Har Ghar Good Governance initiative was launched to ensure doorstep delivery of major Central and State Government run schemes in a mission mode.

Source: Indian Express

Wangala Festival: 100 Drum Festival of Meghalaya

Why in News:

- The Wangala Festival of Meghalaya is one of the most popular festivals among the Garos of Meghalaya, which marks the onset of winter.

key points:

- The Wangala Festival is a harvest festival held in honor of Saljong, the sun-God of fertility.
- The celebration of the Vangla Mahotsav marks the end of a period of hard labor, which brings good production to the fields.
- The Vangla Festival is also known as the 100 Drum Festival.
- The Wangala Festival is the occasion when tribal communities offer sacrifices to please their main deity Saljong (the sun god).
- The Wangala festival is celebrated for two days and sometimes continues for weeks.
- The ceremony performed on the first day under the Vangla Mahotsav is known as "Ragula" which is performed inside the house of the headman.
- The second day of the Wangala Festival is called "Kakkar", in which the small and large sections dressed in colorful clothes dance to the tune of music played on long oval-shaped drums with feathered headgear.
- Some subtle variations are also included in the popular dance forms performed during the Wangala Festival.



Source: Livemint



Kerala Tourism won the “Responsible Tourism Global award” at the World Travel Mart

Why in News:

- Kerala Tourism has been conferred with the prestigious Responsible Tourism Global Award at the World Travel Mart held in London.



key points:

- The award was received by State Tourism Minister PA Mohammed Riyas on behalf of the Kerala Tourism Department in London.
- The award has been given for the STREET project implemented by the Tourism Mission under the Government of Kerala.
- STREET is an acronym for Sustainable, Tangible, Responsible, Experiential, Ethnic, and Tourism Hub, which was implemented by the Responsible Tourism Mission under the Government of Kerala on March 31, 2022.
- The STREET Project is an initiative that promotes water conservation and protection with public participation.
- Under the STREET project, the deepening and cleaning of canals and other water bodies are done to promote tourism.
- The 'STREET' initiative is a water conservation and conservation project in the tourism sector implemented with public participation.
- The STREET project aims to deepen canals and various water bodies and clean them for the purpose of tourism activities, tourism department.

Source: Indian Express

Ranthambore Festival

Why in News:

- According to the National Green Tribunal (NGT), the Ranthambore Festival, a music festival proposed to be held near the Ranthambore Tiger Reserve in Rajasthan, may be held at the Ranthambore Tiger Reserve.



key points:

- The easternmost region of the state of Rajasthan, in the Karauli and Sawai Madhopur districts, is home to Ranthambore National Park, which is situated at the meeting point of the Aravalli and Vindhya Mountain ranges.
- Ranthambore National Park is the natural habitat of a significant number of Royal Bengal tigers.
- Apart from tigers, leopards, nilgai, wild boar, sambar, hyena, sloth bear, and chital are also found mainly in Ranthambore National Park.
- Ranthambore Tiger Reserve has highly fragmented forests, river streams, and agricultural land, as well as parts of the Kailadevi Wildlife Sanctuary, the rare habitats of Chambal and the Kuno-Palpur Landscape through the Sheopur Forest Zone.
- The Ranthambore Tiger Reserve consists mainly of tropical dry deciduous forests, which are dominated by 'Palash'.
- Ranthambore National Park was initially established by the Government of India in 1955 as Sawai Madhopur Game Sanctuary.
- In the year 1973, Ranthambore National Park was declared one of the Project Tiger Reserves in India.
- Ranthambore was declared a national park on November 1, 1980, while the nearby forests were named Sawai Man Singh Sanctuary and Keladevi Sanctuary.

Source: The Hindu

Uttarakhand Chief Minister launches Lakhpati Didi Yojana

Why in News:

- The 'Lakhpati Didi' scheme has been started in Dehradun by the Chief Minister of Uttarakhand, Pushkar Singh Dhami.



key points:

- Lakhpati Didi Yojana has been started by the Uttarakhand government with the aim of empowering the women of the state.
- Lakhpati Didi Yojana has been launched by the Department of Rural Development, Government of Uttarakhand under the National Rural Livelihood Mission.



- Under the Lakhpati Didi scheme, the government aims to enable at least 1.25 lakh women belonging to various self-help groups in the state to earn one lakh rupees per year by the year 2025.
- Women belonging to self-help groups will be encouraged to take up micro-enterprises with skill development under the 'Lakhpati Didi' scheme.
- Under the Lakhpati Didi scheme, the government will bring together e-commerce platforms like Amazon, Flipkart, Government e-Marketplace (GeM), with the help of which the products manufactured by Self Help Groups can get national and international market.
- Uttarakhand was formed on 9 November 2000 as the 27th state of India with a total of 13 districts.
- Uttarakhand shares international borders with China (Tibet) in the north and Nepal in the east.

Source: Times of India

Meghalaya CM launches “Citizen Engagement and Communication Program”

Why in News:

- “Citizen Engagement and Communication Program” has been launched by Chief Minister Conrad K Sangma at Tura in West Garo Hills district of Meghalaya.



key points:

- Various welfare programs have been started by the Government of Meghalaya whose objective is to disseminate information for the greater benefit of the public.
- The objective of "Citizen Engagement and Communication Program" is to make the grassroots penetration of all the schemes so as to improve governance in all aspects.
- This program will create much needed awareness among the public so that people can get the right information to take advantage of the schemes being launched by the government.
- The team has been encouraged by Chief Minister Conrad K Sangma to sensitize themselves so that they can sensitize the public about all the available schemes.

Source: Livemint



Government approved Electronics Manufacturing Cluster at Ranjangaon

Why in News:

- An electronic manufacturing cluster has been announced by the Union Minister of State for Electronics and Information Technology, Rajiv Chandrashekhar, at Ranjangaon, Maharashtra.



key points:

- An investment of Rs 500 crore will be made for the electronics manufacturing cluster.
- The government aims to garner over Rs 2,000 crore investment in Electronic Manufacturing Clusters (EMCs).
- An Electronics Manufacturing Cluster project has been taken up in Tamil Nadu, Noida and Karnataka to emerge as a powerful electronic hub.
- The development of the Electronics Manufacturing Cluster project will cost a total of Rs 492.85 crore, out of which Rs 207.98 crore will be financed by the Government of India and the remaining Rs 284.87 crore will be contributed by the Maharashtra Industrial Development Corporation.
- Promotion of electronics manufacturing is a major component of the 'Make in India' program.

Source: Business Standard

Arunachal Pradesh to get Northeast's first fish museum

Why in News:

- Arunachal Pradesh Fisheries Minister Tage Taki has announced to set up India's first fish museum in the Northeast in Arunachal Pradesh.



key points:

- The fish museum will be part of India's first 'Aqua Park' which has been approved by the Central Government.
- The Fish Museum Park will be set up at Tarin (Ziro) in Subansiri district of Arunachal Pradesh.



- The present-day Train Fish Farm (TFF), located in the high-altitude Bulla village, will be upgraded into an integrated aqua park where the Northeast's first fish museum will be built.
- The Fish Museum in Arunachal Pradesh will house all types of fish species from the state.
- The Fish Museum will also act as a training center for fishermen.
- 43.59 crore has been sanctioned by the government as the first installment for the construction of the fish museum.
- The national parks located in Arunachal Pradesh are Mouling National Park and Namdapha National Park.
- Tall Wildlife Sanctuary and Eagle Nest Wildlife Sanctuary are the wildlife sanctuaries located in Arunachal Pradesh.

Source: Indian Express

CM Yogi Adityanath inaugurates north India's first data centre at Greater Noida

Why in News:

- North India's first hyper-scale data center Yotta Yotta D1 built by Uttar Pradesh Chief Minister Yogi Adityanath at a cost of Rs 5,000 crore has been inaugurated.

key points:

- The hyper-scale data center is spread over an area of 3,00,000 square feet.
- A Memorandum of Understanding (MoU) worth Rs 39,000 crore has been signed by Yogi Sarkar and Hiranandani Group during the event, which will be spent on projects under Hyper-Scale Data Center over the next five years.
- The data center policy was notified in the year 2021.
- Under the policy, there is a provision for setting up of 4 data center parks by various investors with an investment of more than Rs 15,950 crore.
- These include two projects of M/s NIDP Developers Pvt Ltd of Hiranandani Group, M/s NTT Global Centers and Cloud Infrastructure India Pvt Ltd of Japan and Adani Enterprises Ltd.



Source: Business Standard



Maharashtra government to set up Cyber Intelligence Unit

Why in News:

- A dedicated Cyber Intelligence Unit will be set up in Maharashtra by the Government of Maharashtra with an aim to curb cyber and financial crimes.



key points:

- This announcement has been made by the Maharashtra government at a two-day contemplation camp of Home Ministers and Director Generals of Police of different states of the country organized at Surajkund, Haryana.
- The Cyber Intelligence Unit set up in Maharashtra will be a dedicated single platform through which a global model will be created to curb cybercrime.
- The government aims to bring together government and private banks, financial institutions, social media institutions, regulatory bodies, cyber police through this platform.
- The Cyber Intelligence Unit will act as a dynamic response system and will use state-of-the-art technology.
- In the past, a lot of progress has also been made by the State Government through Automated Multimedia Biometric Identification System (AMBIS).

Source: Times of India

West Bengal government's Lakshmir Bhandar scheme has bagged the SKOCH award in the women and child development category

Why in News:

- West Bengal Government's Laxmire Bhandar Yojana has been awarded the SKOCH Award in the Women and Child Development category.

key points:

- This scheme was launched in August 2021 by the Government of West Bengal with the objective of providing financial assistance to the female head of a family in the age group of 25-60 years.



- Under the Laxmir Bhandar Yojana, Rs 500 per month is provided to the women of general caste category and Rs 1,000 per month to the women of SC and ST category by the government.
- Earlier in May, West Bengal was awarded the prestigious 'Star of Governance-Skoch Award' in education.
- Established in the year 2003, the objective of the SKOCH Awards is to recognize projects and institutions that put extra effort into making India a better nation.
- The Skoch Award is given for governance, inclusive growth, technology, management, corporate leadership, citizen service delivery, capacity building and empowerment among others.

Source: Livemint

UNESCO: Mawmluh Cave in Meghalaya first Indian Geoheritage Site

Why in News:

- The Mawmluh Cave, located in the East Khasi Hills district of Meghalaya, has been recognized as one of the first 100 IUGS geological heritage sites by the International Union of Geological Sciences (IUGS), one of the largest scientific organizations of UNESCO.



key points:

- The complete list will be presented at the 60th anniversary celebration of the IUGS, which will be held in Jumaia, Spain.
- A proposal to recognize Mawmaluh Cave as one of the first 100 Global Geoheritage Sites was submitted for consideration by the Society of Earth Scientists.
- More than 200 experts from around 40 countries and 10 international organizations assisted in identifying and shortlisting the sites.
- With a length of 7.2kms, Maumluh Cave is the fourth longest cave in the Indian subcontinent.
- Situated at an altitude of 4503 m, the cave is known for its stalagmite formations.
- Another prominent feature of the cave is the pool inside the cave which is formed by five different rivers passing through the cave.



- The International Union of Geological Sciences was established in the year 1961.
- The parent organization of the International Association of Geological Sciences is the International Science Council (ISC) and its headquarters are located in Paris, France.
- The International Science Council was established on 4 July 2018.

Source: The Hindu

Centre approves Terai Elephant in Uttar Pradesh

Why in News:

- The Center has approved the establishment of Terai Elephant Reserve (TER) at Dudhwa and Pilibhit in Uttar Pradesh.



key points:

- Terai Elephant Reserve is the third elephant sanctuary in India which is spread over an area of 3,049 sq.km.
- Terai Elephant Sanctuary consists of protected areas, forest areas and corridors for the conservation of wild elephants.
- Terai Elephant Sanctuary will be developed by the government in the combined forest areas of Dudhwa and Pilibhit Tiger Reserves.
- It will be able to cover the conservation of four wild species including tiger, Asian elephant, swamp deer and one-horned rhinoceros.
- The reserve will protect the villagers living in the Indo-Nepal border region of Uttar Pradesh through implementing human-elephant conflict mitigation strategies.
- It will also be important for the two tiger reserves by managing the maintenance of the grassland and corridor.
- TER is the third new elephant reserve that has been approved under Project Tiger in the last three months, the other two TERs being Lemur in Chhattisgarh and Agastya Malia in Tamil Nadu.
- The Elephant Project is a centrally sponsored scheme that supports elephant conservation in India.

Source: Indian Express



Kerala tourism department launched 'women-friendly tourism' project

Why in News:

- The 'Women-Friendly Tourism' project has been launched by the Kerala State Tourism Department to ensure safe and clean destinations for women.



key points:

- Under the Women Friendly Tourism Scheme, all women tour packages, including food, accommodation, transport and community guides, will be controlled and operated by women.
- A one-day workshop organized by the Government of Kerala under the Women Friendly Tourism Project has also been inaugurated.
- Through the Women Friendly Tourism Project, the RT Mission aims to create a network of women units and tourism centers run by women.
- RT Mission will also provide training to selected women to work in various other areas like Tour Coordinators, Storytellers, Community Tour Leaders, Auto/Taxi Drivers (Guest Handling), Homestay Operators and Souvenir Manufacturing.
- All infrastructure will be made available for the Women Friendly Tourism Project, which will have a monthly evaluation process, and will be headed by the tourism minister.

Source: Business Standard



Economy

In 5 yrs, the most number of electoral bonds sold in Mumbai

Why in News:

- Since the program's inception five years ago, Mumbai has sold the most electoral bonds.



key points:

- Since the program's inception in 2018, Mumbai, Kolkata, and Hyderabad have sold the most electoral bonds, both in terms of quantity and value.
- Since the start of the program, political parties have purchased electoral bonds worth a total of Rs 10,700 crore.
- Mumbai is responsible for 25.4% of the value of all sold Electoral Bonds (Rs 2742 crore).
- A total of Rs 2,387 crore worth of electoral bonds have been sold in Kolkata.
- The selling of Rs 1,519 crore worth of electoral bonds was the fourth highest in Delhi.
- In Mumbai, Kolkata, and Hyderabad, bonds for a maximum of Rs 1 crore have been auctioned.
- The Central Government introduced the Electoral Bond Scheme with the intention of introducing transparency to the contributions that political parties receive.
- Election-related bonds are offered for sale under this plan four times annually for ten days each.
- Only SBI is authorized to offer and cash in these bonds.
- According to Election Commission figures, the BJP has received more than 75% of the bonds for the 2019–20 fiscal year.

Source: The Hindu



Indore plans nation's first retail municipal bond for solar power project Indore Municipal

Why in News:

- The Madhya Pradesh (MP) municipality of Indore Municipal Corporation (IMC) intends to issue the country's first municipal bonds (local government bonds) aimed at ordinary investors.



key points:

- The retail municipal bond's profits will be used to pay for the solar power facility.
- To generate up to Rs 2.6 billion, the Indore Municipal Corporation intends to sell 10-year bonds in December 2022.
- A.K Capital Services Limited and SBI Capital Markets Limited have been named by the issuer, Indore Municipal Corporation, as the lead managers of the Offer.
- With the help of the retail municipal bond, Indore will be able to reduce its monthly electricity costs by up to Rs 250 million.
- The World Bank (WB) forecasts that India, Asia's third-largest state, will require USD 840 billion in urban infrastructure over the next 15 years to fulfill the demands of a rapidly expanding urban population, which is why the sale of green loans is taking place at this time.
- Additionally, the Reserve Bank of India (RBI) has recommended local governments that rely on grants or bank loans think about issuing municipal bonds to help them with their funding requirements.

Source: Business Standard

RBI Releases "Handbook of Statistics on Indian States, 2021-22"

Why in News:

- The Reserve Bank of India has released the seventh edition of the Handbook of Statistics on Indian States 2021-2022. (RBI).

key points:

- The Handbook of Statistics on Indian States provides state-level information on socio-



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demographics, state gross domestic product, agriculture, prices and wages, industry, infrastructure, banking, and financial indicators for various time periods between 1951 and 2021–2022.

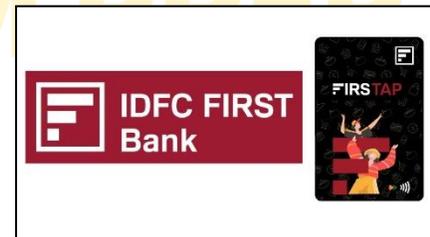
- The Handbook of Statistics on Indian States' 2021–2022 version additionally adds two new parts, Health and Environment.
- The most recent report indicates that the macroeconomic outlook for the current fiscal year is favorable, but India is still being impacted by external challenges.
- With a total installed capacity of 15,463 MW, Karnataka has the most grid-interactive renewable energy capacity of any state, according to the report.
- With 15,225 MW, 13,153 MW, and 10,267 MW, respectively, Tamil Nadu, Gujarat, and Maharashtra are in second, third, and fourth place behind Karnataka.
- Up of the 36 states and the union, Tamil Nadu has the most factories, including micro, small, and medium-sized ones. Gujarat, Maharashtra, Andhra Pradesh, and Uttar Pradesh round out the top five states.

Source: PIB

IDFC First Bank launches sticker-based debit card, FIRSTAP

Why in News:

- In collaboration with the National Payments Corporation of India, IDFC First Bank has introduced FIRSTAP, the country's first sticker-based debit card.



key points:

- With sticker-based debit cards, customers can make purchases by tapping a sticker on a point-of-sale device that supports near-field communication (NFC).
- Sticker-based debit cards eliminate the need to carry a debit card by allowing users to tap and pay at stores, eateries, and other locations.
- IDFC First Bank introduced FIRSTAP in keeping with its customer-centric ethos.
- A typical debit card is two-thirds the size of FIRSTAP.
- Additionally, FIRSTAP can be attached to jewelry and other wearables like watches and rings.



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- Transactions under Rs 5,000 can be made using FIRSTAP without entering a PIN, while those over that need to do so.
- After merging with the former IDFC Bank, which was sponsored by renowned infrastructure financing company IDFC Limited, IDFC First Bank was created.
- The Reserve Bank of India (RBI) created the National Payments Corporation of India (NPCI) as a specialized division to run the country's retail payment and settlement system.

Source: The Hindu

RBI Chooses 5 Banks for Retail Digital Currency Pilot

Why in News:

- For a pilot project to introduce its digital currency (Digital Rupee) to the retail market, the Reserve Bank of India (RBI) has enlisted the assistance of five banks: State Bank of India, ICICI Bank, IDFC First Bank, HDFC Bank, and Yes Bank.



key points:

- The National Payments Corporation of India and the RBI have helped select five banks to manage the retail digital currency trial.
- The central bank digital currency (CBDC) is being tested by the RBI on two fronts: one for the wholesale sector, where a pilot project is already in progress, and the other for the retail market.
- These CBDCs, which are based on blockchain technology, seek to lessen reliance on the currency.
- CBDCs can be categorized into two main groups: general-purpose retail and wholesale, based on the ways in which the digital currency is used and its various levels of accessibility.
- According to RBI, central bank digital currency is a digital representation of money that the central bank has issued.
- A central bank (in this case, the RBI) issues it as a sovereign or completely autonomous currency in accordance with the nation's monetary policy.

Source: The Hindu

9 Vostro Accounts Opened to Facilitate Overseas Trade in Rupee



Why in News:

- To encourage foreign exchange trading in Indian Rupee, the Reserve Bank of India (RBI) has authorized the opening of nine special Vostro accounts with two Indian banks, UCO Bank and IndusInd Bank.



key points:

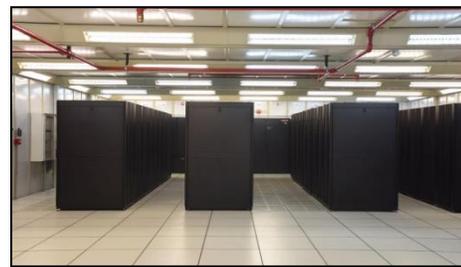
- The Reserve Bank of India (RBI) published "Guidelines for International Trade Settlement in Indian Rupees" in July 2022.
- The first international banks to gain this approval are Sberbank, the largest bank in Russia, and VTB Bank, the second largest.
- With Kolkata-based UCO Bank, another Russian bank, Gazprom, has also created a Vostro account.
- UCO Bank already had a Vostro account-based facility in Iran before this.
- In UCO Bank, Sober Bank, VTB Bank, and IndusInd Bank, special Vostro accounts have been opened.
- The Vostro bank account will make it feasible to transact in Indian rupees in Russia.
- An account created or kept up by one bank on behalf of another bank is known as a Vostro account.

Source: Business Standard

3 Indian Cities Among Largest Data Centre Markets in Asia-Pacific

Why in News:

- According to the Knight Frank Data Center Report, Indian cities like Hyderabad, Chennai, and New Delhi have become three of the top markets for data centers in the APAC region.



key points:

- The nine APAC cities included in the market analysis are Taipei (Taiwan), Osaka (Japan), Melbourne (Australia), Jakarta (Indonesia), Manila (Philippines), Hanoi (Vietnam), and Hyderabad, New Delhi, and Chennai in India.



- The report predicts a phenomenal increase of over 300% in these regions' total supply, from 700 MW in 2017 to over 3,000 MW in 2022.
- According to the report, the first three quarters of 2022 have seen the installation of about 600 MW of extra capacity.
- According to the report, with 300 MW to 400 MW of IT capacity apiece, the big cities of Hyderabad, New Delhi, and Chennai are also expanding quickly.
- At this time, each location's total IT supply in Melbourne, Jakarta, and Osaka exceeds half a gigawatt.
- According to the report, Melbourne has become a major market for data centers.
- Over 400 MW of committed or under-construction capacity are currently available in Jakarta.

Source: Business Standard

Amazon Becomes the First Company in History to Lose \$1 trillion Market Cap

Why in News:

- Jeff Bezos' company Amazon has become the first publicly listed company in the world to lose a trillion-dollar market cap.

Key points:

- A combination of fears of a US recession, rising inflation, tighter monetary policies, and disappointing earnings triggered a historic sell-off in the company's shares this year, causing the company's market capitalization to drop by more than \$1 trillion.
- Amazon is an e-commerce and cloud business company whose market value is expected to rise from a record high of \$1.88 trillion in July 2021 to around \$879 billion currently.
- Shares of America's Big Five tech companies Intel, Microsoft, Alphabet, Meta, and Amazon continued to slide as their growth prospects looked uncertain in an economy plagued by recession fears.
- The top five US technology companies by revenue have lost nearly \$4 trillion in market value this year.
- Given the economic uncertainty, buyers have reduced their spending, which has had a bad effect on Amazon's e-commerce.



- To arrive at market capitalization, the total number of free-floating shares of a company is multiplied by the current market price of each share.

Source: Business Standard

Currency monitoring list

Why in News:

- India has been removed from its currency monitoring list by the US Treasury Department along with Italy, Mexico, Thailand and Vietnam.



key points:

- India was part of the currency monitoring list for the last two years.
- India has been removed from the currency monitoring list this year for meeting only one of the three criteria for two consecutive reports.
- China, Japan, Korea, Germany, Malaysia, Singapore and Taiwan are the seven economies that are part of the current currency monitoring list.
- The US Treasury adopts three criteria to place a country on the monitoring list, which include-
 - Significant trade surplus with the US
 - Current account surplus
 - Unilateral intervention
- Countries that meet two of the three criteria are placed on the Countries Monitoring List by the US Treasury Department.
- The US's Trade Facilitation and Trade Enforcement Act of 2015 requires a country to report to Congress every six months if it uses a currency manipulator to gain a trade advantage over the US.
- This artificial weakening of the currency makes its own exports cheaper, thereby gaining an unfair trade advantage over the other country's exports.

Source: Indian Express

GST collection over Rs 1.51 trillion in October: 2nd highest ever

Why in News:

- The Gross GST Revenue collected in the month of October 2022 is Rs 1,51,718



crore, which is the second largest monthly collection of the Finance Ministry till date.

key points:

- The CGST figure for October's GST collection was Rs 26,039 crore, SGST Rs 33,396 crore, IGST 81,778 crore and CSS Rs 10,505 crore.
- GST was introduced through the 101st Constitutional Amendment Act, 2016.
- This is one of the biggest indirect tax reforms in the country, which was introduced with the slogan 'One Nation One Tax'.
- Indirect taxes like Excise Duty, Value Added Tax (VAT), Service Tax, Luxury Tax etc.
- GST reduces the cascading effect of tax or the burden of tax which is passed on to the end consumer.
- The GST Council is a joint forum of the Center and the States, established by the President in accordance with Article 279A (1) of the amended Constitution.

Source: The Hindu

Retail jewelry major Malabar becomes 1st Indian jeweler to import 25 kg gold from UAE

Why in News:

- Retail jewelry major Malabar Gold & Diamonds has become the first Indian jeweler to import 25 kg of gold under the Comprehensive Economic Partnership Agreement between India and the UAE.



key points:

- Under the agreement, gold has been imported through ICICI Bank with one percent duty exemption.
- For the first time in India, the duty benefits of the agreement have been effectively used by the group in both import and export.
- The company has been one of the first few jewelers to get permission to export jewelry to UAE with tax concessions under this agreement in May 2022.
- The tariff concessions offered in the India-UAE CEPA will increase the domestic jewelry production capacity, thereby creating various employment opportunities.



- Under the agreement, the five percent import duty in the UAE has been waived by the UAE government.
- The CEPA between India and the United Arab Emirates has been implemented after the signing of the agreement on May 1, 2022, in Delhi between the Union Minister of Commerce and Industry Piyush Goyal and the UAE Minister of Economy, Abdullah bin Touq Al Marri.
- Malabar Gold & Diamonds currently has over 290 showrooms and 14 manufacturing units located in 10 countries.

Source: Business Standard

Defence

Indo-US wargame shows Indian Army kite 'Arjun' trained to prey on drones

Why in News:

- To detect and eliminate drones, the Indian Army has begun training dogs and kites (eagles).

Key points:

- Drone deliveries of drugs, weapons, and ammunition to India by hostile elements in Pakistan are posing a security risk for that country.
- The drone's loudness causes the dogs to alert Emery, and the kite is used to pinpoint the drone's location.
- During the 18th edition of the Indo-US joint training exercise "Yudh Abhyas 22" at Auli, the kite dubbed "Arjun" was trained and shown.
- From October 14 to October 31, 2022, Yudh Abhyas 22, an Indo-US joint training exercise, was held at Auli, Uttarakhand.
- Earlier, the BSF established a cutting-edge facility in Delhi to research drone forensics.
- The BSF has identified around 79 drone flights near the international boundary between India and Pakistan so far in 2020.



Source: Livemint



Samanvay 2022: Annual Joint HADR Exercise of the Indian Air Force

Why in News:

- The Indian Air Force held the biennial Joint Humanitarian Assistance and Disaster Relief (HADR) exercise "Samanvay 2022" at Air Force Station Agra from November 28 to November 30, 2022.



key points:

- Coordination is done to evaluate the effectiveness of institutional disaster management systems and backup plans.
- The coordination exercise involves "tabletop exercises" as well as static and airborne displays of various HADR assets.
- The civil administration, armed forces, NDMA, NIDM, NDRF, DRDO, BRO, IMD, NRS, and INCOIS are just a few of the national and regional players involved in disaster management that Samanvay 2022 is intended to support.
- The coordination effort intends to support the creation of an institutional foundation for successful HADR execution through effective communication, interoperability, and cooperation.
- With the participating ASEAN member states, the coordination exercise aims to offer a distinctive forum for the exchange of domain knowledge, experience, and best practices.

Source: PIB

India-Malaysia joint military exercise 'Harimau Shakti-2022' begins in Kluang

Why in News:

- The joint military exercise "Harimau Shakti-2022" between India and Malaysia is taking place in Pulai, Kluang, Malaysia, from November 28 to December 12, 2022.



key points:

- The drill is being taken part in by soldiers with combat experience from the Royal Malay Regiment of Malaysia and the Garhwal Rifles Regiment of the Indian Army.



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- Both armies will share their expertise during the Harimau Shakti-2022 exercise to improve interoperability in the planning and execution of various operations in the forest area.
- The scope of exercise Harimau Shakti-2022 includes company-level field training exercises on unconventional operations in a jungle environment and battalion-level command planning exercises.
- The joint exercise program for Harimau Shakti-2022 calls for logistics planning at the battalion level, the creation of a joint command post and surveillance center, the sharing of knowledge about the use of air assets, technical demonstrations, casualty management, and casualty evacuation.
- Since 2012, the Indian and Malaysian military has participated in an annual training exercise called Harimau Shakti.
- Enhancing Defence cooperation between the Indian Army and the Malaysian Army is the goal of Exercise Harimau Shakti.

Source: Livemint

GRSE Launches 3rd Large Survey Vessel for The Indian Navy

Why in News:

- Ikshak was launched at Kattupalli in Chennai, the third survey vessel of the four Survey Vessels (Large SVL) project being constructed by GRSE/L&T for the Indian Navy.



key points:

- At 10:40, Ikshak made its initial touch with the Bay of Bengal's waters.
- A contract for four SVL ships has been inked by Garden Reach Shipbuilders and Engineers with the MoD (GRSE).
- The first ship is being constructed at GRSE, Kolkata, in accordance with the company's manufacturing strategy.
- In order to collect oceanographic data, the SLV ships are intended to replace the current survey ships of the Sandhyak class.
- The survey ship is 231 people strong, 110 meters long, and 16 meters wide with a draught displacement of 3400 tonnes.
- Ikshak is built to travel at a maximum speed of 18 knots and a cruise speed of 14 knots.



- When travelling at the slow speeds necessary for shallow water survey operations, the bow and stern thrusters are built to perform at their best.

Source: PIB

India, Australia wargames Austra Hind 22

Why in News:

- At the Mahajan Field Firing Ranges in Rajasthan, the bilateral training exercise "Austra Hind 22" between contingents of the Indian Army and the Australian Army has begun.



key points:

- Up until December 11, the Austra Hind 22 exercise will be held.
- This is the first Austra Hind drill in which both armies' entire arsenals and services will take part.
- The exercise Austra Hind 22 will involve a variety of activities for the participants, including cooperative planning, cooperative tactical exercises, sharing of the fundamentals of special weapons skills, and assault on hostile targets.
- While fostering communication and cooperation between the two armies, the joint exercise Austra Hind 22 will also contribute to the improvement of ties between Australia and India.
- At Exercise Austra Hind 22, the Australian Army is represented by members of the 13th Brigade of the 2nd Division, while the Indian Army is represented by members of the Dogra Regiment.
- An annual exercise called "Austra Hind" alternates between Australia and India.
- The Austra Hind 22 exercise aims to improve interoperability while carrying out multi-domain operations in semi-desert terrain under a UN peacekeeping mandate, foster positive military-to-military relationships, and absorb each other's best practices.

Source: The Hindu



Indian Army conducts integrated fire power exercise 'Shatrunash' in Thar desert

Why in News:

- The Southwestern Command of the Indian Army conducted the "Shatrunash" Integrated Fire Power Exercise at MFFR in the Thar Desert, Rajasthan.



key points:

- Exercise Shatru Nash integrates ground and aerial manoeuvres while utilising multi-role firing platforms.
- In the Shatru NASH exercise, forces enter a variety of missions, including offensive ground operations requiring close coordination with the use of modern technologies in a multi-sector setting.
- Air Force aircraft, together with army artillery, tanks, and helicopters, took part in this fire drill. The coordination of the shelling by both sides during the conflict was greatly aided by this exercise.
- The Mahajan Fieldfiring Range hosted the Shatrunash exercise.
- The Mahajan Fieldfiring Range is situated in Rajasthan's Bikaner district's Lunkaransar tehsil.
- Along with the Indian Army, the Air Force participated in this military drill.
- Bhishma (T90 tank), Ajeya (T-72 tank), K9 Vajra and Sharang Artigun Special Forces advanced fighter planes of the Indian Air Force, and Advanced Light Helicopter (Rudra) of Army Aviation was among the aircraft used in the "Shatrunash" exercise.

Source: Indian Express

NASEEM AL BAHR – 2022: 13TH EDITION OF INDIAN-OMANI NAVIES EXERCISE

Why in News:

- Off the coast of Oman, the 13th iteration of NASEEM AL BAHR-2022, a bilateral exercise between the Indian and Royal Oman Navies, has begun.



key points:

- The naval exercise NASEEM AL BAHR will be held in two phases, the first of which will be a harbor phase and the second of which will be a sea phase.
- In 1993, the NASEEM AL BAHR naval drill first took place.
- Earlier in 2019, Goa hosted the 19th iteration of the NASEEM AL BAHR naval exercise.
- Participating in the drill are the guided missile frigates Trikand and Sumitra of the Indian Navy, as well as the Maritime Patrol Aircraft Dornier and integrated helicopters.
- In order to foster collaboration and improve good order at sea, the exercise enables operational-level encounters between the two fleets.
- The traditional maritime and cultural linkages between India and Oman are another goal of the NASEEM AL BAHR naval exercise.

Source: Business Standards

Army Chief General Manoj Pande receives Guard of Honour at Les Invalides in Paris

Why in News:

- A guard of honor has been provided at Les Invalides in Paris for Army Chief General Manoj Pandey, who is visiting France for four days.

Key points:

- During his visit to the European nation, General Manoj Pande spoke with General Pierre Chille of France and addressed topics of their shared interest.
- From November 14 to November 17, Army Chief General Manoj Pandey will be traveling to France.
- In light of the rapidly changing geopolitical environment and security landscape, General Manoj Pande departed for France on November 14 for a four-day visit with the goal of further solidifying the "bond of trust" between the Indian and French armies.
- Top French military leaders, including the Chief of Defense Staff, Chief of Army Staff, and Commanders of Land Combat Forces, were the subject of lengthy discussions with General Manoj Pandey.



Source: Indian Express



'Sea Sword 2' counter-terrorism drill

Why in News:

- The Joint Maritime Forces-led Operation "Sea Sword 2" in the Northwest Arabian Sea included the INS Trikand.



key points:

- To stop organizations involved in the drug trade and smuggling from exploiting the sea for their operations, the Sea Sword 2 operation was carried out.
- Additionally, this year is the 30th anniversary of Sea Sword 2nd Edition.
- The Japan Maritime Self-Defense Force is the host of Sea Sword 2.
- Other multinational forces and regional partner navies are also taking part in the Sea Sword 2 exercise to combat terrorism, the drug trade, and activities of smuggling organizations using the sea.
- The Indian Navy's Long Range Maritime Patrol Aircraft took part in the operation as well.
- In accordance with the Sagar Vision of the Indian Prime Minister, the Indian Navy is making this effort as part of its commitment to ensuring maritime security and collective security in the area.

Source: Indian Express

Garuda-VII Air Exercise

Why in News:

- The Chiefs of the Indian and French Air Force have participated in Air Exercise Garuda-VII held in Jodhpur.



key points:

- Garuda-VII Air Exercise is a bilateral exercise between the Indian Air Force (IAF) and the French Air and Space Force (FASF).
- The Garuda-VII Air Exercise provides a unique opportunity for both Air Forces to learn and assimilate each other's best practices during operations.



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- The Garuda-VII air exercise will see the Light Combat Aircraft (LCA) Tejas and Light Combat Helicopter (LCH) Prachanda participating in an international exercise for the first time.
- The Garuda-VII air exercise includes four Rafale fighter aircraft and one A-330 multi-role tanker transport aircraft from the French side.
- This is the seventh edition of the Garuda-VII air exercise this year.
- The first, third, and fifth editions were conducted in India at Air Force Stations Gwalior, Kalaikunda, and Jodhpur in the years 2003, 2006, and 2014 respectively.
- The second, fourth, and sixth editions were held in France in the year 2005, in the year 2010, and in the year 2019.

Source: The Hindu

Operation Vigilant Storm currently underway in South Korea

Why in News:

- Operation Vigilant Storm has been conducted in South Korea by the US Air Force and its allies in the Asia-Pacific region.



key points:

- Operation Vigilant Storm is a four-day training exercise, which will be conducted from October 31 to November 4.
- A total of 240 aircraft and thousands of military personnel from the ROK Air Force, US Air Force, US Marine Corps, US Navy and US Army will participate in the Operation Vigilant Storm four-day exercise.
- The Operation Vigilant Storm exercise is designed to enhance combat readiness and interactivity.
- The Operation Vigilant Storm exercise was earlier opposed by North Korea's foreign ministry.
- The Operation Vigilant Storm exercise also covers critical air missions such as close air support, defensive counterair and emergency air operations during the units training.
- The objective of the Operation Vigilant Storm exercise is to foster cross-service relations between Airmen and Marines with combat preparedness experiences.

Source: Livemint



Appointment

Dr. Justice DY Chandrachud

Why in News:

- Dr. Justice DY Chandrachud has been sworn in as the Chief Justice of India.



key points:

- Justice Dhananjay has been sworn in as the 50th Chief Justice of India (CJI) by Yashwant Chandrachud, succeeding 49th CJI Uday Umesh Lalit.
- Justice Chandrachud will have a longer tenure of two years and will retire on November 10, 2024.
- The Chief Justice of India is appointed by the President under clause (2) of Article 124 of the Constitution after the recommendation of the outgoing Chief Justice of India.
- 'Master of the roster' refers to the prerogative of the Chief Justice, with the Chief Justice being called 'first among peers.'
- In addition to his judicial role, the Chief Justice of India also discharges the role of the administrative head of the court.
- The Chief Justice of India also determines the number of judges to hear a case.
- The provision related to the removal of the Chief Justice of India has been described in Article 124(4) of the Constitution.
- The Chief Justice of India can be removed by order of the President only after the President's Address is presented by the Parliament.

Source: PIB

Chief Justice Rituraj Awasthi

Why in News:

- Rituraj Awasthi, a retired High Court Chief Justice, has been chosen to lead the Law Commission.



Key Points:

- The announcement of the appointment was made on February 24, 2020, more than two years ago.
- The Law Commission of India was established by notification from the Indian government.
- A Law Commission was established by the British Parliament's Charter Act of 1833 with the purpose of codifying and combining Indian laws.
- Lord Macaulay was chosen to lead the first Law Commission in the year 1835.
- The Law Commission researches the law and examines the existing laws in India so that they can be changed, and new laws can be enacted, either on a request made to it by the Central Government or on its own initiative.
- The Law Commission also conducts studies and research to enhance the delivery of justice by removing bottlenecks in the system, hastening case resolution, lowering litigation expenses, etc.
- The Constitution does not specify any eligibility requirements for the Law Commission's chairman or members, and the Law Commission has no set organizational structure.

Source: The Hindu

First Woman Director Dr G Hemaprabha Takes Charge at ICAR-SBI

Why in News:

- Dr. G. Hemaprabha has been appointed as Director, ICAR-Sugarcane Breeding Institute till the year 2024 on the recommendation of Agricultural Scientists Recruitment Board, New Delhi under the Union Minister of Agriculture and Farmers Welfare.



key points:

- Dr. G. Hemaprabha is the first woman director of the 111-year-old ICAR-Sugarcane Breeding Institute.
- Dr. G. Hemaprabha has more than 34 years of research experience in genetic improvement of sugarcane and so far, he has developed 27 varieties of sugarcane as well as registered 15 sugarcane genetic stock.



- ICAR-Sugarcane Breeding Institute, Coimbatore is the premier and oldest Agricultural Research Institute under the Indian Council of Agricultural Research.
- It was established in the year 1912 in Coimbatore.
- Sugarcane Breeding Institute has been an important institution for meeting the needs of sugarcane varieties of the country for the last ten decades.

Source: Navbharat Times

Spiritual leader Mata Amritanandamayi appointed as President of C20

Why in News:

- Spiritual guru Mata, Amritanandamayi Devi (Amma) has been appointed by the central government as the chairperson of the country's Civil 20 (C20), an official engagement group of the Group of 20 (G20).



key points:

- The G20 is the premier intergovernmental forum for the world's developed and emerging economies to address financial stability on a global basis.
- The C20 is the G20 platform for civil society organizations (CSOs) to bring non-governmental and non-business voices to the G20 leaders.
- India will assume the presidency of the G20 for one year from December 1, 2022, to November 30, 2023.
- The European Union and 19 other nations, along with officials from the World Bank and the International Monetary Fund, make up the informal G20 group.
- More than 80% of global GDP, 75% of global trade, and 60% of global population are represented by G20 countries.
- The financial crisis of the late-1990s, which had a particularly negative impact on East Asia and South-East Asia, served as the backdrop for the formation of the G20.
- Mata Amritanandamayi Devi, sometimes referred to as Amma, is a revered Hindu spiritual guru and humanitarian from India.

Source: Times of India



Awards & Honours

Paralympic medallist Avani Lekhara receives Para Sports Person of Year award

Why in News:

- Avni Lekhra, a medalist at the Paralympics, has received the Para Sports Person of the Year accolade.



key points:

- Sarkar Talwar, a former member of the Ranji cricket team, received the Lifetime Achievement of the Year Award at the Turf 2022 and India Sports Awards presented by the Federation of Indian Chambers of Commerce and Industry (FICCI).
- The Dronacharya Lifetime Award was previously granted to Talwar, Director of Sports at Manav Rachna Shiksha Sansthan, by the President of India.
- Shrey Kadian has been recognized as the Special Sports person of the Year alongside Talwar.
- The top male coach this year was RB Ramesh, and the best female coach was Nonita Lal Qureshi.
- The Federation of Indian Chambers of Commerce and Industry (FICCI) honored Rakesh Rao, Deputy Editor (Sports) of The Hindu, with the Special Recognition Award for his contribution to sports writing during the FICCI India Sports Awards 2022 held at Federation House.
- With its main office in New Delhi, FICCI was founded in 1927.
- Ghanshyam Das Birla founded the FICCI, and Sanjiv Mehta serves as president at the moment.

Source: Business Standard



eGramSwaraj and Audit Online of Ministry of Panchayati Raj wins GOLD AWARD under the National Awards for e-Governance

Why in News:

- The National Awards for e-Governance's "Excellence in Government Process Re-engineering for Digital Transformation" category has given the Gold Award to the Ministry of Panchayati Raj's e-Panchayat Mission Mode Project.



key points:

- This honor is granted to Team e-Governance in recognition of their great and outstanding performance. NIC-MOPR supports this team.
- The Ministry of Panchayati Raj has launched the user-friendly web portal eGramSwaraj to improve e-governance in Panchayati Raj Institutions (PRIs) across the nation (MoPR).
- Better openness in decentralized planning, progress reporting, and task-based accounting are the goals of eGramSwaraj.
- Every year at the National Conference on e-Governance, the Department of Administrative Reforms and Public Grievances, Government of India, offers National Awards to acknowledge and encourage excellence in the execution of e-Governance initiatives.
- The Ministry of Panchayati Raj introduced the e-Panchayat Mission Mode Project (MMP), which included the development of the web program Audit Online (MoPR).
- The goal of Audit Online is to make it easier for auditors to perform financial audits of accounts at all three Panchayat levels, namely District, Block, and Gram Panchayats, Urban Local Bodies, and Line Departments.
- Not only does the Audit Online application allow for the auditing of Panchayat Accounts, but it also allows for the safe storage of audit records.

Source: The Hindu



Chhatrapati Shivaji Maharaj Vastu Sangrahalaya wins UNESCO Award for cultural heritage conservation

Why in News:

- The Asia-Pacific Awards for Cultural Heritage Conservation-2022, presented by the United Nations Educational, Scientific, and Cultural Organization (UNESCO), have given the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya (CSMVS), in Mumbai, the Award of Excellence.



key points:

- Beginning in 2021, UNESCO and the Ng Teng Fong Charitable Foundation will collaborate to sponsor the Asia-Pacific Awards for Cultural Heritage Conservation.
- Since 2000, the Asia-Pacific Award for Cultural Heritage Conservation Program of UNESCO has honored private parties and organizations for their work in preserving, restoring, and modernizing historical monuments and buildings in the area.
- When it first opened its doors in 1922, the Prince of Wales Museum of Western India, was known as the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya.
- The Asia-Pacific Heritage Awards are intended to encourage the preservation of areas of cultural heritage whose preservation efforts have been started by people or organizations.
- Four Indian winners are included in the UNESCO Asia-Pacific Prize 2022, including-
 - The Vastu Sangrahalaya of Chhatrapati Shivaji Maharaj has received the Award of Excellence.
 - The Hyderabad neighborhood of Golconda Ki Baori has received the Award of Distinction.
 - Both the Byculla station in Mumbai and the Domkonda Fort in Telangana have received an Award of Merit.

Source: Times of India



India's Purnima Devi Barman is one of UNEP's 'Champions of the Earth for 2022

Why in News:

- Assamese wildlife researcher Purnima Devi Barman has been named a 2022 "Champions of the Earth," receiving the United Nation's highest environmental distinction.



key points:

- Purnima Devi Barman received recognition for her innovative efforts to stop environmental deterioration.
- The United Nations Environment Program has recognized Purnima Devi Barman in the Entrepreneurial Vision category of this year's Champions of the Earth award (UNEP).
- Indian wildlife biologist Purnima Devi Burman works in Assam to safeguard the stork.
- In addition to founding the Hargila Sena, Purnima Devi Barman serves as the division's senior project manager for avifauna research and conservation.
- The only female Hargila Army, a group dedicated to preventing the stork from going extinct, is led by Purnima Devi Barman.
- Women participate in this initiative by creating and selling stork-like masks, which both promote awareness of endangered animals and give them financial freedom.
- The second-rarest stork species in the world is the Greater Adjutant Stork.
- Less than 1% of what it was a century ago due to habitat degradation, there are about 1,200 Greater Adjutant Storks.
- U.N.E.P.'s Championship of the Earth Award supplied by Narendra Modi previously received the Championship of the Earth award in 2018 for his leadership in the area of policymaking.
- UNEP established the Earth Award championship in the same year.

Source: Livemint

Danish Manzoor Bhat receives JaipurFoot USA's first Global Humanitarian Award in New York

Why in News:

- The first Jaipur Foot USA Global Humanitarian Award was presented to Danish Manzoor Bhat, a



native of the Kashmir Valley, at a ceremony held at the Indian Consulate General in New York.

key points:

- The honor was given by Prem Bhandari, President of Jaipur foot USA, and Randhir Jaiswal, IAS, Consul General, High Commission of India in New York.
- The Jaipur Foot USA Awards were established to celebrate and commend Indians who, despite the risks to their own life, manage to assist people in need.
- A humanitarian award has been given to Indian citizen Danish Manzoor Bhat in recognition of his work aiding those who were afflicted by the devastating COVID-19 pandemic's second wave.
- Numerous Covid patients and their families have benefited from his innovative programs like #BengaluruHeals and #SabkaOximeter.
- The Danish in Bengaluru gathered over 1000 oximeters, which they then gave out to others who couldn't buy them.

Source: Times of India

53rd IFFI 2022: Chiranjeevi honored with Indian Film Personality of the Year 2022

Why in News:

- Megastar and actor-producer Chiranjeevi has received the IFFI's Indian Film Personality of the Year Award for 2022.



key points:

- Anurag Singh Thakur, the Union Minister for Information and Broadcasting, made this announcement at the opening ceremony of the 53rd International Film Festival of India (IFFI), which took place in Goa.
- Over 150 Telugu feature films as well as a few in Hindi, Tamil, and Kannada have included Chiranjeevi as an actor.
- Chiranjeevi made his acting debut in the 1978 movie Punadhirallu.
- Chiranjeevi had previously won four Nandi Awards and ten Filmfare Awards.
- For his contributions to Indian cinema, he received the Padma Bhushan in 2006, India's third-highest civilian honor.
- Chiranjeevi also created the Praja Rajyam Party in 2008. In the 2009 Andhra Pradesh elections, his party took home 18 out of 294 seats.



- Chiranjeevi served as Minister of Tourism for the government in 2011 as well.

Source: Livemint

Pratham gets the Indira Gandhi prize for work in education

Why in News:

- The Pratham NGO has been awarded the Indira Gandhi Peace Prize 2021 for the work of expanding the scope of education in India.



key points:

- Indira Gandhi Prize for Peace, Disarmament, and Development for the year 2021 has been given to the first NGO.
- Regular evaluation of the quality of education has also been done by Pratham NGO using digital technology to impart education.
- Pratham NGO is an innovative educational organization, which was formed to improve the quality of education in India.
- The first NGO was established in the year 1994 to provide preschool education to children living in slums in Mumbai.
- The NGO was co-founded by Farida Lambe and Madhav Chavan.
- Pratham NGO focuses on high-quality, low cost and exemplary interventions to address the gaps in the education system.
- The Indira Gandhi Peace Prize is an annual prestigious award, named after former Prime Minister Indira Gandhi.
- The Indira Gandhi Peace Prize has been awarded every year since 1968 by the Indira Gandhi Memorial Trust.

Source: The Hindu

National Swachh Vidyalaya Puraskar 2021-22

Why in News:

- The Swachh Vidyalaya Puraskar has been given to 39 schools in India for the academic year 2021-2022.



key points:

- Dr. Subhash Sarkar, Minister of State for Education, presented the National Swachh Vidyalaya Puraskar 2021–22 in New Delhi.
- Out of a total of 8.23 lakh applications, 28 government and aided schools and 11 private schools were chosen for the Rashtriya Swachh Vidyalaya Puraskar 2021–22.
- The National Selection Committee has chosen 39 schools for the National Swachh Vidyalaya Puraskar, including 34 in the overall category and 5 in the subcategory.
- Prize money totaling Rs 60,000 has been given to each school chosen for the National Swachh Vidyalaya Puraskar 2021–2022 competition.
- The Ministry of Education established the Swachh Vidyalaya Awards to honor, encourage, and celebrate excellence in school hygiene and cleanliness practices.
- The National National Swachh Vidyalaya Puraskar's goal is to recognize schools that have made significant progress toward carrying out the Swachh Vidyalaya Abhiyan's directives.
- The National Swachh Vidyalaya Puraskar 2021–22 includes six sub-category-specific awards this year for the first time, with each school receiving a prize of Rs 20,000.

Source: Indian Express

EXAM PREP

Tibetan spiritual leader Dalai Lama honored with the Gandhi Mandela award

Why in News:

- At Thekchen Choeling in McLeodganj, Dharamshala, Governor of Himachal Pradesh Rajendra Vishwanath Arlekar presented the Gandhi Mandela Award 2022 to the 14th Dalai Lama.



key points:

- This year's Gandhi Mandela Award recipient Dalai Lama, former Chief Justices of India KG Balakrishnan and Justice Dipak Misra, former Justices of the Supreme Court Gyan Sudha Mishra and Kedarnath Upadhyay, and former Chief Justices of Nepal and Bangladesh MD Tafazzul were chosen by a jury that included members of Islam.



- The Gandhi Mandela Award is granted to people who continue Gandhi and Mandela's legacy by making noteworthy contributions to culture, the environment, sports, education, healthcare, and innovation.
- The Gandhi Mandela Foundation is a nonprofit group established to advance the nonviolent principles espoused by Nelson Mandela and Mahatma Gandhi. It is a registered trust under the jurisdiction of the Government of India.
- This trust established the Gandhi Mandela Award, an international honor.
- On the 150th anniversary of the birth of Mahatma Gandhi, the Father of the Nation, the Foundation established the Gandhi Mandela Award.

Source: Times of India

EXCELL Awards 2022: India wins excellence in leadership in family planning awards

Why in News:

- At an international convention held in Thailand, India is now the only nation to get the Excel Award-2022 for Leadership in Family Planning.



key points:

- The distinction conferred in the "Country" category honors India's efforts to increase access to cutting-edge family planning techniques.
- India's attempts to advance family planning are a reflection of its achievement in meeting the SDG goals for maternal and female health.
- The Excel Awards honor India's accomplishments in guaranteeing greater access.
- In order for couples to make educated decisions regarding family planning, India is aiming to increase access to and usage of contemporary contraceptive technologies.
- Government statistics show that India's overall prevalence rate for contraceptives has increased from 54% to 67%.
- Among Indian women who are currently married and between the ages of 15 and 49, the overall satisfaction rate for family planning increased from 66 percent in 2015–16 to 76 percent in 2019–21.

Source: Livemint



Rane Group chairman L Ganesh receives Deming Award

Why in News:

- Rane Group Chairman L Ganesh has been awarded the prestigious Deming Award.

key points:

- L Ganesh has been awarded the Deming Award for his outstanding contribution in the dissemination and promotion of Total Quality Management.
- The Deming Award is an annual award presented to organizations and individuals who have implemented Total Quality Management (TQM) in their management philosophy, sector, business level and management environment.
- Deming Award was established in the year 1951
- The Deming Award was established to pay tribute to W. Edwards Deming,
- W. Edwards Deming contributed significantly to the spread of statistical quality control in Japan after World War II.
- L Ganesh is the third Indian and fifth person globally to be awarded the Deming Award for his contribution.



Source: Indian Express

53rd IFFI: Spanish Film Director and writer Carlos Saura to be given Satyajit Ray Lifetime Achievement Award

Why in News:

- Spanish film director and writer Carlos Saura will be honored with the Satyajit Ray Lifetime Achievement Award 2022 at the 53rd International Film Festival of India in Goa.

key points:

- The International Section is an important and particularly focused section at the 53rd International Film Festival of India this year.
- Over 180 films have been selected for screening at the 53rd International Film Festival of India.



Monthly Current Affairs

- The 53rd International Film Festival of India will be presenting for the first time a children's film package, suggested by UNICEF, which will include screening of around seven films.
- The first edition of the pavilion will also be presented at the conference this year keeping in mind the major international markets like Marche du Cannes, which will be attended by officials from the country's film industry and state government.
- The 53rd International Film Festival of India will host a competition - a 53-hour challenge, which will involve producing a short film in 53 hours, presenting ideas on India@100.
- As Manipuri cinema completes 50 years, this year at the 53rd International Film Festival of India, a specially curated package of notable feature and non-feature films will be screened under the Indian Panorama section.
- The 53rd International Film Festival of India will be organized in Goa from 20 to 28 November.
- This year the Indian Panorama section will screen a number of feature and non-feature films, for which 25 feature films and 20 non-feature films have been selected.

Source: Business Standard

Shlok Mukherjee wins India's 2022 Doodle for Google

Why in News:

- The winner of the Google for Doodle 2022 contest has been announced by Google.

key points:

- This year Shlok Mukherjee from Kolkata has been declared the winner for India for his inspirational doodle titled 'India on the Center Stage'.
- The doodle created by Shlok Mukherjee is designed to develop India's scientific, indigenous eco-friendly robots for the betterment of humanity over the next 25 years.
- The aim of the doodle is to contribute towards making India travel regularly from Earth to Space.



- This year's competition received over 115,000 entries from children of classes 1 to 10 from over 100 cities in India.
- The theme of this year's competition was "My India in the next 25 years will be...".
- The judging panel included actor, filmmaker Neena Gupta, editor-in-chief of Tinkle Comics, Kuriakose Vasian, YouTube creators Slaypoint and artist and entrepreneur Alika Bhat as well as the Google Doodle team.

Source: Indian Express

India Agribusiness Awards 2022

Why in News:

- National Fisheries Development Board has been conferred with the India Agribusiness Award-2022.

key points:

- The India Agribusiness Award 2022 has been presented to the National Fisheries Development Board for its outstanding work in the field of fisheries.
- The India Agribusiness Awards 2022 have been presented as part of the 'Agro World 2022'-India International Agribusiness and Technology Fair-2022.
- Indian Chamber of Food and Agriculture (ICFA) is organizing 'Agro World 2022'-India International Agribusiness & Technology Fair-2022 from 9th to 11th November 2022 at Indian Agricultural Research Institute, Pusa Campus, New Delhi.
- ICFA is a Government of India organization having technical collaboration with a large number of National/ International Industrial Organizations and affiliated organizations.
- Agro World 2022 was organized to showcase the development and modernization undertaken by key stakeholders in the food, agriculture, horticulture, animal husbandry, fisheries and allied sectors.
- The government aims to promote entrepreneurship opportunities in fisheries, generate employment, hygienic handling and increase the marketing and consumption of fish.

Source: PIB



National Geology Awards-2022

Why in News:

- Nominations have been invited by the Ministry of Mines for the National Geology Award-2022 for contributions to basic applied geology, mining, and allied fields.



key points:

- The National Geology Award was instituted by the Ministry of Mines in the year 1966.
- The National Geology Award was instituted with the aim of encouraging geologists to excel.
- Any citizen of India who has made a significant contribution in the field of mineral exploration and exploration, mining, mineral beneficiation and sustainable mineral development, basic geology, applied geology, etc., that person is awarded the National Geology Award by the government.
- Any citizen of India who has made a significant contribution in any field specified in the NGA Regulation 2022 is considered eligible for the National Geology Award.
- The National Geology Awards are given in the following categories:
 - National Geology Award for Lifetime Achievement
 - National Geology Award
 - National Young Geologist Award
- Geology is an all-encompassing term used to refer to the Earth sciences.
- Geology includes geologists from different fields, such as atmospheric science, geology, hydrology, mineralogy, petrology, pedology, oceanography, etc.

Source: PIB

National Florence Nightingale Award - 2021

Why in News:

- The National Florence Nightingale Awards for the year 2021 were presented by the President Smt. Draupadi Murmu to Nursing Professionals at Rashtrapati Bhavan.



key points:

- This year 51 nurses have been honored with the National Florence Nightingale Award by the President, Mrs. Draupadi Murmu.
- The National Florence Nightingale Award is the highest national award that is given to a nurse for her selfless service and exceptional efficiency.
- The National Florence Nightingale Awards in India were instituted in the year 1973 by the Ministry of Health and Family Welfare.
- Through the National Florence Nightingale Award, the government aims to recognize the meritorious services rendered by nurses and nursing professionals to the society.
- The Florence Nightingale Award is also given to honor nurses globally.
- The International Florence Nightingale Prize was established in the year 1907 during the Eighth International Conference of Red Cross Societies in London.

Source: PIB

Amit Dasgupta honoured with a member of the Order of Australia Award

Why in News:

- Amit Dasgupta has been appointed by the Government of Australia as an Honorary Member in the General Division of the Order of Australia (AM) for his service to Australia-India bilateral relations.



key points:

- Amit Dasgupta is a former Indian diplomat, author and teacher.
- The Order of Australia is an award presented by the Australian Government to an individual as a member of the award.
- Prior to this, Amit Dasgupta served as the Consul General of India in Australia from 2009 to 2012.
- Amit Dasgupta was instrumental in establishing the Australia-India Youth Dialogue, which involves fostering links between Australian and Indian youth through programs such as the Australia-India Youth Dialogue.
- The Order of Australia was established in the year 1975 by Queen Elizabeth II of Australia to honor Australians and others.
- There are four categories of awards under the Order of Australia Award, which include-
 - Companion of the Order of Australia



- Officer of the Order of Australia
- Member of the Order of Australia
- Medal of the Order of Australia.

Source: Indian Express

Prominent Indian physician Dr Subhash Babu to be awarded Bailey K. Ashford Medal

Why in News:

- Eminent Indian physician and scientist, Dr. Subhash Babu has been conferred with the prestigious Bailey K. Ashford Medal and the American Society of Tropical Medicine and Hygiene (ASTMH) Award.



key points:

- Dr. Subhash Babu Bailey K. Ashford is the first Indian to receive both the Medal and the American Society of Tropical Medicine and Hygiene Award.
- Dr. Subhash Babu has been given this award for his outstanding research in tropical medicine.
- The medal is awarded annually to one or more mid-career researchers for distinguished work in tropical medicine by the American Society of Tropical Medicine and Hygiene (ASTMH), the largest scientific organization in tropical medicine in the world.
- Dr. Subhash Babu is the Scientific Director of the International Center for Excellence in Research India program, as well as a pioneer in research on worm infections and tuberculosis.
- Dr. Subhash Babu also writes book chapters for such important textbooks as Topley and Wilson's Microbiology and Microbial Infection and Elsevier's Clinical Immunology, which are used in medical schools and graduate programs around the world.

Source: Indian Express



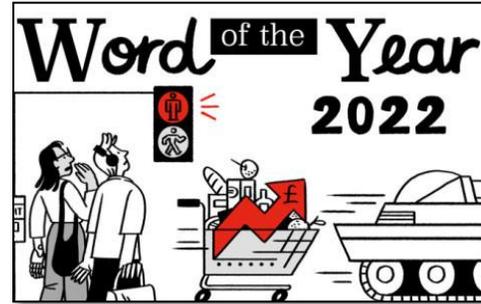
“Permacrisis” Is Collins Dictionary’s Word Of The Year

Why in News:

- Permacrisis has been voted Collins Dictionary’s Word of the Year.

key points:

- 'Permacrisis' is a word that describes living in an age of constant upheaval.
- According to The Guardian, Collins chose Permacrisis as the word of the year because it "quite succinctly sums up how terrifying 2022 has really been for so many".
- It is the top word in an annual compilation of 10 new or notable words from an 18-billion-word database monitored by Collins and other sources such as social media.
- Permacrisis is one of six new words added to the list at CollinsDictionary.com.
- With Permacrisis beating out competition from the likes of "Kyiv", "Sportswashing" and "Partygate", the word "permacrisis" was named as Britain's Word of the Year in recognition of a disappointing 2022.



Source: Livemint

Important Days

World AIDS Day 2022

Why in News:

- Every year on December 1st, people all over the world observe World AIDS Day to raise awareness of the disease and pay tribute to all those who have perished as a result of it.

key points:

- Equal is the focus of World AIDS Day 2022 this year.
- The World Health Organization established World AIDS Day in 1988. (WHO).



- The first "Global Health Day" established with the intention of increasing public awareness of "acquired immunodeficiency syndrome" was World AIDS Day (AIDS).
- International society and governments are reminded on World AIDS Day that HIV has not yet been entirely eradicated.
- A dangerous illness called AIDS (acquired immunodeficiency syndrome) is brought on by the human immunodeficiency virus (HIV).
- The immune system is severely compromised with AIDS, which makes it harder for a person to fight infections.
- HIV can spread via a variety of channels. Human biological fluids like blood, semen, vaginal secretions, anal fluids, and breast milk can spread HIV from one person to another.

Source: Indian Express

International Day for the Elimination of Violence against Women 2022

Why in News:

- Every year on November 25, there is a celebration of the International Day for the Elimination of Violence Against Women.

key points:

- Today is observed as a day of remembrance for the Mirabal sisters, activists from the Dominican Republic who were assassinated in 1960 on Rafael Trujillo's orders.
- The UN wants to increase public awareness of violence against women based on gender.
- The campaign this year will run for 16 days, from the International Day for the Elimination of Violence Against Women on November 10 to International Human Rights Day on December 10.
- Unite will be the topic of the 2022 International Day for the Elimination of Violence Against Women. advocacy for the cessation of violence against women and girls.
- Violence against women and girls (VAWG) is one of the most pervasive, ongoing, and devastating human rights violations in the world today, according to the United Nations' official website.
- The United Nations General Assembly passed the Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) in 1979.



Monthly Current Affairs

- The 25th of November has been recognized as the day to speak out against gender-based violence since the year 1981.
- The Mirabal sisters, three political activists from the Dominican Republic who were brutally murdered in 1960 on Rafael Trujillo's instruction, are commemorated on this day.

Source: Times of India

World Heritage Week: 19–25 November 2022

Why in News:

- The Department of Archives, Archeology and Museums is hosting World Heritage Week from November 19 through November 25, 2022.



key points:

- In order to encourage the preservation of culture and heritage, World Heritage Week is observed.
- World Heritage Week aims to increase public knowledge of customs and culture.
- In addition to UNESCO and numerous other international organizations, the Archaeological Survey of India also observes World Heritage Week in India.
- India has agreed to the World Heritage Convention's terms.
- Every year, India organizes a number of events to honor the World Heritage Convention's spirit on World Heritage Day (18 April) and World Heritage Week (19-25 November).
- The member nations of UNESCO adopted the World Heritage Convention in 1972.
- 191 UNESCO Member States, including India, have ratified the World Heritage Convention.
- In 1861, the Archaeological Survey of India was founded, with its main office in New Delhi.
- Alexander Cunningham founded the Archaeological Survey of India, and V Vidyavati, IAS, serves as its director general.

Source: Indian Express



World Children's Day 2022

Why in News:

- On November 20, World Children's Day is observed to encourage children to experience a sense of community.



key points:

- In India, Children's Day is observed annually on November 14.
- The goal of World Children's Day is to promote children's welfare, highlight the value of their rights, and work toward a better future for them.
- The United Nations Children's Fund (UNICEF) has worked on campaigns to close the digital divide in education among children in the context of the COVID-19 pandemic in honor of World Children's Day.
- Throughout COVID-19, UNICEF has also started a number of campaigns to promote children's security and well-being.
- The United Nations General Assembly Celebrated World Children's Day for the first time on December 14, 1954.
- The UNGA enacted the Declaration of the Rights of the Child on this day in 1959, making November 20 important.
- The UNGA also approved the "Convention on the Rights of the Child" on November 20, 1989.
- In order to encourage nations to support international solidarity and advance children's rights, the UNGA decided that the day should be observed worldwide on November 20.

Source: Livemint

World Toilet Day 2022

Why in News:

- Every year on November 19, World Toilet Day is marked with the intent of promoting sustainable sanitation and maintaining public health.



key points:

- The theme of World Toilet Day for the year 2022 is "Making the invisible visible".
- This day is observed to raise awareness among the 4.2 billion people who are now experiencing a global sanitation crisis about the value of toilets and sanitation.
- By the year 2030, Sustainable Development Goal 6 aims to address the "Global Sanitation Crisis."
- Assuring that everyone has access to water and sanitation is the focus of Sustainable Development Goal 6.
- Since 2013, the day has been observed annually.
- The World Toilet Organization initiated the celebration of World Toilet Day, which the United Nations later recognized as "World Toilet Day" in 2013.
- When India achieved Open Defecation Free (ODF) status in 2019, it surpassed SDG 6.2 on access to safe sanitation. India is currently making efforts to achieve ODF+ status.

Source: Livemint

National Newborn Week 2022: 15 to 21 November

Why in News:

- India annually observes Newborn Care Week from November 15 through November 21.

key points:

- The purpose of National Newborn Week is to increase public awareness of the significance of newborn care for a child's survival and development.
- Since a kid is more likely to die during the neonatal era (the first twenty-eight days of life) than at any other point in infancy, this period is crucial for a child's survival.
- The first month of life is a crucial time for a baby's development and well-being.
- Healthy children develop into healthy people who make positive contributions to their society and communities.
- The report states that 2.6 million children are born dead each year in addition to 2.6 million children dying within the first week of life.



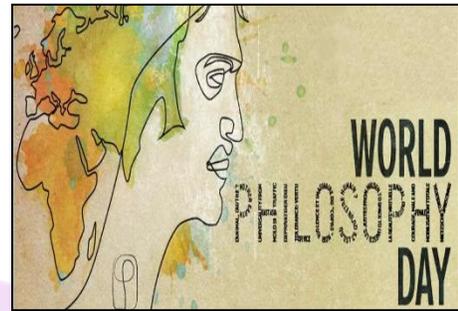
- Although the neonatal mortality rate decreased from 44 per 1000 live births in 2000 to 28 per 1000 live births in 2013, 0.75 lakh newborns died in India in 2013.
- Prematurity, birth complications, and severe infections are the main causes of neonatal death.
- To lower the risk of illness and to encourage growth and development, all newborns need to receive essential newborn care.

Source: Indian Express

World Philosophy Day 2022

Why in News:

- On the third Thursday in November each year, World Philosophy Day is observed. World Philosophy Day will be observed on November 17 in 2022.



key points:

- World Philosophy Day was initially established by UNESCO in 2002.
- The General Conference of UNESCO declared World Philosophy Day to be observed annually on the third Thursday of November in the year 2005.
- World Philosophy Day promotes academic dialogue and emphasizes the value of philosophical understanding in addressing global problems.
- The goal of World Philosophy Day is to inspire intellectuals and civil society to address social issues by promoting philosophical heritage sharing and fostering an openness to new ideas.
- The root of the word "Darshan" is "Drish," which means "to see," so Darshan is a method of acquiring knowledge.
- Generally speaking, philosophy is a logical endeavor to acquire objective, intellectual, and all-encompassing knowledge.

Source: Indian Express



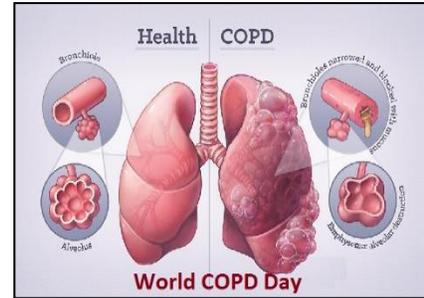
World COPD Day 2022

Why in News:

- Every year on the third Wednesday in November, the world celebrates World COPD Day to increase awareness of the condition and advance COPD treatment.

key points:

- While there is no long-term cure for chronic obstructive pulmonary disease, it can be managed with medication and preventative measures if it is found early enough.
- Smoking and pollution are the primary causes of chronic obstructive pulmonary disease.
- Asthma can develop into chronic obstructive pulmonary disease if it is also uncontrolled.
- The Global Initiative for Chronic Obstructive Lung Disease Coordinates World COPD Day in conjunction with international COPD patient organizations and medical specialists.
- In 2002, the first World COPD Day was established.
- A lung condition called chronic obstructive pulmonary disease restricts airflow and makes breathing challenging.
- Cough, mucus getting stuck in the throat, chest tightness, and wheezing are some of the early signs of COPD.



Source: Livemint

World Kindness Day 2022

Why in News:

- World Kindness Day is celebrated every year on 13 November all over the world.

key points:

- This year the theme of World Kindness Day is 'Be Kindness Whenever Possible'.



Monthly Current Affairs

- World Kindness Day inspires people to appreciate kindness and positive force in society.
- On the day of World Kindness Day, individuals celebrate this day by sending messages through social media platforms.
- It is an international holiday celebrated in many countries including the US, Canada, Australia, Italy, and India.
- The purpose of World Kindness Day is "to highlight good deeds in the community focusing on the positive force and common thread of kindness.
- World Kindness Day was started in the year 1998 by an organization called World Kindness Movement during the 1997 Tokyo conference.
- In the year 2019, under Swiss law, this organization was registered as an official NGO.
- At present, there are more than 28 nations that are not affiliated with any religion or political ideology.
- World Kindness Day is celebrated in many countries including Canada, Nigeria, Japan, Australia, and the United Arab Emirates.
- Along with Singapore, World Kindness Day was celebrated in the year 2009 by India and Italy.

Source: Livemint

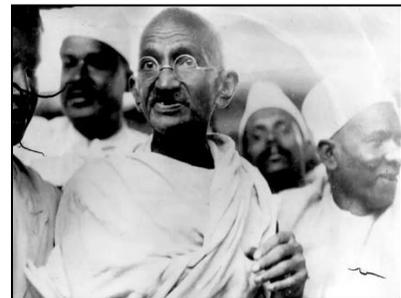
Public Service Broadcasting Day

Why in News:

- Every year 12 November is celebrated as Public Service Broadcasting Day in India.

key points:

- Public Service Broadcasting Day is celebrated every year to commemorate the first and only visit of Mahatma Gandhi to the studios of All India Radio, Delhi in the year 1947.
- It was decided by Mahatma Gandhi to visit the studios of All India Radio to convey his message through radio, as he could not visit the post-Partition refugees living in Kurukshetra, Haryana.
- On 12 November 1947, Mahatma Gandhi addressed the displaced people who had temporarily settled in Kurukshetra, Haryana after the partition.
- In the year 2001, the day was officially declared Public Service Broadcasting Day by the government.



- Prasar Bharati works towards improving public service broadcasting, and democratic traditions and providing opportunities to all diverse communities and cultures.

Source: All India Radio

National bird day

Why in News:

- National Bird Day is celebrated every year on 12th November all over India.



key points:

- The birthday of Dr. Salim Ali, a world-renowned bird expert and naturalist, is also celebrated on 12 November.
- Dr. Salim Ali was the first person in India to organize a systematic bird survey in India and his books on birds contributed greatly to the development of ornithology in India.
- In India, Dr. Salim Ali is also known mainly as "Bird Man".
- The birthday of bird expert Salim Ali has been declared National Bird Day by the Government of India.
- Many books related to birds were written by Salim Ali, of which Birds of India is the most popular book.
- A postage stamp was also issued in memory of Dr. Salim Ali, Department of Posts.
- Prior to this, for the work of Dr. Salim Ali, he was honored with 'Padma Bhushan' in the year 1958 and 'Padma Vibhushan' in the year 1976.

Source: Times of India

Transportation day

Why in News:

- Every year 10 November is celebrated as Transport Day all over India.

key points:

- Transport Day is celebrated to create awareness about traffic rules and accidents,



the consequences of using private vehicles, the need to use public transport strictly, the development of the transport sector and in this regard.

- The problem of increasing and decreasing pollution in many states of India is also the central point of Transport Day.
- The goal of Transport Day is to draw attention to the fact that due to the increase in the means and facilities of transport, a new era of development has started in the country, on the one hand, it has also caused huge damage to the environment.
- The purpose of Transport Day is to spread awareness about how easy, safe and pollution-free transport system can be ensured by coordinating science and development.
- It is a practice to celebrate 10 November on behalf of UNESCO as 'World Science Day for Peace and Development' all over the world.
- The world's first motorcycle was also introduced by Gottlieb Daimler on 10 November 1885.

Source: Livemint

Guru Nanak Jayanti 2022

Why in News:

- On the eve of Guru Nanak Dev Ji's birthday, Smt. Draupadi Murmu, the President of India, welcomed her citizens.



Key Points:

- The 553rd anniversary of Guru Nanak Dev Ji's birth will be commemorated this year.
- Every year on the full moon day of Kartik month, also known as Kartik Purnima, Guru Nanak Jayanti is observed.
- The first of the ten Sikh Gurus and the founder of Sikhism was Guru Nanak Dev Ji (often referred to as Baba Nanak), who lived from 1469 to 1539.
- On April 15, 1469, Guru Nanak Dev Ji was born at Rai Bhoi di Talwandi, now known as Nankana Sahib, Pakistan.
- Guru Nanak Dev conveyed the teaching of "Ek Omkar," which declares that there is only one God who is present everywhere.
- Guru Nanak Dev Ji held the view that one might communicate with the Almighty via sincere prayer.



- The Guru Granth Sahib, the core sacred religious text of Sikhism, represents the culmination of all of his teachings.

Source: Hindustan Times

University Grants Commission proposed 'Bharatiya Bhasha Diwas' to be celebrated on Dec 11

Why in News:

- Following the recommendations of a committee constituted by the Ministry of Education last year to promote Indian languages, the University Grants Commission has written a letter in this regard to the Vice Chancellors and Principals of all universities and colleges to celebrate 'Indian Language Day' on December 11.



key points:

- According to the Ministry of Education, all higher education institutions in India should celebrate 'Indian Language Day' on 11 December every year to create "language harmony" and develop a conducive environment for learning Indian languages.
- It is proposed by the committee to celebrate 11 December as 'Bharatiya Bhasha Diwas' or 'Indian Language Festival', on the birth anniversary of Subramanya Bharathi, a pioneer of modern Tamil poetry, who sought to awaken patriotism during the independence movement.
- A concept note of the proposal has also been shared by the commission with the universities, according to which the universities and colleges will organize competitions, games, exhibitions and other activities to mark the day.
- Students who know several languages or who can read scripts of major Indian languages will also be felicitated on the occasion.
- It has also been proposed by the government to set up 22 Bhasha Kendras (Language Centres) to promote Indian languages contained in the Eighth Schedule of the Constitution.

Source: Indian Express



CSIR-NIScPR Celebrates "International Open Access Week-2022"

Why in News:

- International Open Access Week is observed during the last week of October in the world with the aim of creating awareness about Open Access scholarly publication among researchers and publishers.



key points:

- International Open Access Week is organized by SPARC in partnership with the Open Access Week Advisory Committee.
- It was established in the year 2008 by the partners of SPARC and the student community.
- This year's theme is to encourage connection and cooperation between the climate movement and the international open community.
- CSIR-National Institute of Science Communication and Policy Research (CSIR-NISCPR) was formed after the merger of CSIR-NISCAIR and CSIR-NISTADS.
- CSIR-NISCPR is one of the largest open access publishers in India that publishes 15 Diamond Open Access scholarly journals.
- CSIR-NISCPR neither charges any publication fee from the authors nor any subscription fee from the readers.

Source: PIB

Central Vigilance Awareness Week is observed from 31st October to 6th November 2022

Why in News:

- Central Vigilance Awareness Week has been organized from 31 October to 6 November 2022.

key points:

- The theme of this year's Central Vigilance Awareness Week is "Corruption Free India - Developed India".



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- As a precursor to the Central Vigilance Awareness Week 2022, a three-month campaign was undertaken by the Central Vigilance Commission highlighting certain preventive vigilance initiatives as the focus areas of all Ministries/Departments/Organizations.
- In order to organize the Central Vigilance Awareness Week, public meetings will be held at district and block level in students, youth, educationists, serving and retired government departments.
- Along with this, debates, quizzes, cartoons, slogan, painting, rangoli and poster competitions on anti-corruption theme among school and college students have been planned.
- During the Central Vigilance Awareness Week, public rallies, walkathons and marathons will also be organized at various places involving students and different sections of society to spread awareness.
- Under K.K., the government appointed the Central Vigilance Commission in February 1964. On the advice of the Santhanam-led Prevention of Corruption Committee, it was established.
- The Central Vigilance Commission is the apex vigilance body that oversees all vigilance operations conducted by the Central Government. It also provides support to the various authorities within the Central Government organizations in the planning, implementation, and performance of their vigilance duties. offers suggestions for improvement and assessment.
- The Central Vigilance Commission is a separate organization that only has to account to the Parliament.

Source: The Hindu

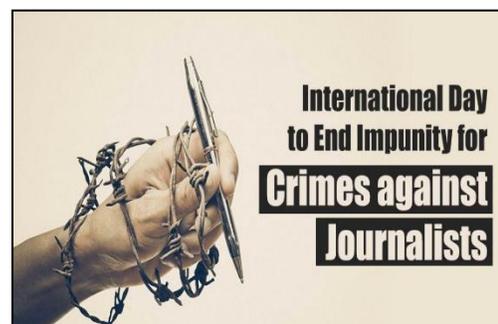
International Day to End Impunity for Crimes against Journalists

Why in News:

- International Day for Impunity for Crimes Against Journalists is observed annually on 2 November.

key points:

- The day is observed to draw attention to the low global conviction rate for violent crimes against journalists and media persons.



- November 2 was declared by the United Nations General Assembly as the "International Day for the End of Impunity for Crimes Against Journalists" through General Assembly resolution A/RES/68/163.
- The resolution urges member states to implement certain measures to implement the existing culture.
- This day on November 2 was chosen to commemorate the 2013 killings of two French journalists in Mali.
- The main event of the 2022 International Day for Impunity for Crimes Against Journalists is a high-level multi-stakeholder conference on the protection of journalists with the theme "Protecting the Media to Protect Democracy" in Vienna, Austria.
- The day is significant because prohibiting impunity for crimes against journalists is a pre-requisite to guarantee freedom of expression and uphold justice in society.
- According to the United Nations, around 1,200 journalists have been killed during the last fourteen years (2006-2019).

Source: Livemint

World Vegan Day

Why in News:

- World Vegetarian Day is celebrated every year on 1 October.

key points:

- On the occasion of World Vegetarian Day, people are called to eat only vegetarian food except meat for one day.
- World Vegetarian Day is observed annually to spread the benefits of vegetarianism to humans, non-human animals and the natural environment.
- Celebrating World Vegetarian Day was started in the year 1977 by the North American Vegetarian Society.
- The aim of the North American Vegetarian Society is to inspire people to have a vegetarian diet.
- World Vegetarian Day is celebrated with the goal of creating awareness about the benefits of a vegetarian lifestyle and encouraging others to become vegetarian.



- A 'vegetarian' is a person who does not eat meat and his diet is rich in fruits and vegetables.
- The International Vegetarian Federation was founded in 1908 in Dresden, Germany and is headed by Marley Winkler.

Source: Indian Express

Rashtriya Ekta Diwas or National Unity Day 2022

Why in News:

- In India, every year on 31 October, the birthday of Sardar Vallabhbhai Patel is celebrated as Rashtriya Ekta Diwas.



key points:

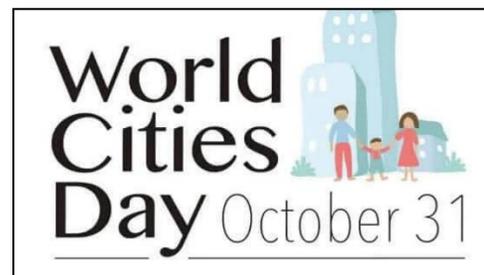
- On the occasion of Rashtriya Ekta Diwas, various events like Run for Unity are organized to spread awareness about Sardar Patel's contribution to national integrity and unity.
- Rashtriya Ekta Diwas was first celebrated in the year 2014.
- The purpose of Rashtriya Ekta Diwas is to unite people and make them aware of their ideas for the upliftment of society.
- Sardar Patel was born on 31 October 1875 in Nadiad, Gujarat.
- Sardar Patel was the first Home Minister and Deputy Prime Minister of India.
- Earlier in the year 2018, on the occasion of the 143rd birth anniversary of Sardar Patel, the Government of India unveiled the Statue of Unity in Gujarat in honor of Sardar Vallabhbhai Patel.
- The Statue of Unity is the tallest (182 m) statue in the world.
- It is 23 meters taller than the Spring Temple Buddha statue in China and almost twice the height of the Statue of Liberty (93 meters tall) located in America.

Source: Indian Express

World Cities Day is observed on 31 October

Why in News:

- Every year 31 October is designated as World Cities Day by the United Nations General Assembly.



key points:

- World Cities Day is celebrated to promote the interest of the international community in global urbanization, to advance cooperation between countries to meet the opportunities and challenges of urbanization and to contribute to sustainable urban development in the world.
- Urbanization is an indicator of national economic development; however, such development is faced with social, economic, demographic and environmental challenges.
- The most visible challenges to rapid urbanization include displacement of native inhabitants, felling of trees, animals losing their habitat, health care issues, food supply and pollution.
- World Cities Day brings together all stakeholders of local and global urban development to help address these challenges.
- On 27 December 2013, World Cities Day was established through a resolution by the United Nations General Assembly.
- World Cities Day was first observed on 31 October 2014.
- World Cities Day organizes an annual Urban October event for this purpose which begins on the first Monday of the month and ends with World Cities Day on 31 October.

Source: Livemint

World Thrift Day observed on 31st October

Why in News:

- World Savings Day is celebrated every year on 31 October across the world.

key points:

- World Savings Day, also known as World Thrift Day, India celebrates it a day before, in India it is celebrated every year on 30 October.
- This year, the theme of World Savings Day is "Savings Prepares You for the Future".
- World Savings Day is important as it is an occasion to create awareness about the concept of saving money in the bank.



- World Savings Day is often celebrated by organizing informational campaigns and releasing schemes that promote savings.
- World Savings Day was first introduced as World Savings Day in 1924 at the First International Savings Congress held in Milan, Italy.
- World Savings Day was established in the year 1925 during the first International Savings Bank Congress.
- Many programs are organized during World Savings Day with the support of schools, offices, women's associations and sports to promote savings bank savings.

Source: Business Standard

Science & Technology

Telangana to get India's first Integrated Rocket Facility by Skyroot Aerospace

Why in News:

- Skyroot Aerospace will deliver the nation's first integrated rocket design, manufacture, and testing facility in Hyderabad, according to Telangana IT and Industries Minister KT Rama Rao.



key points:

- At a celebration for Skyroot Aerospace's successful launch of the Vikram-S rocket at T-Hub, KT Rama Rao made the announcement.
- A Hyderabad-based startup housed at T-Hub has launched the nation's first private rocket.
- Following the opening of the space industry to private players in 2020 by the central government, Skyroot Aerospace has emerged as the country's first privately held company.
- Skyroot Aerospace produces high-tech, reasonably priced, and trustworthy launch vehicles.
- Before beginning in 2018, its co-founders Chandana and Naga Bharat Daka worked as rocket scientists for the Indian Space Research Organization (ISRO) for a period of time.



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- The size of the world space economy is just over \$450 billion, with India accounting for about 2% of that total.
- Skyroot and ISRO entered into an official partnership in 2021.
- The Hyderabad-based startup was granted permission to launch its rockets from the ISRO spaceport after signing a Memorandum of Understanding (MoU) with the Indian National Center for Space Promotion and Authorization a year later, in June 2022.

Source: Business Standard

200th Consecutive Launch of RH200

Why in News:

- The multi-role sounding rocket RH200 was successfully launched by ISRO for the 200th time in a row from the Thumba coast near Thiruvananthapuram.



key points:

- The RH200 is a two-stage, multi-role sounding rocket with a 70 km maximum ascent height that can launch scientific payloads into orbit.
- The number 200 in the name RH200 alludes to the rocket's diameter.
- The Rohini rocket family includes the 3.5-meter-tall rocket.
- ISRO uses RH200 to study the atmosphere.
- This rocket's first and second stages are propelled by solid motors.
- Currently, the rocket is essential in offering a versatile platform for research and the testing of new technology.
- A sounding rocket, also known as a research rocket or suborbital rocket, is a rocket that carries instruments and may perform scientific experiments and measurements during its suborbital flight.
- It is used to launch equipment between 48 and 145 kilometers above the surface of the Earth.
- The American Nike-Apache was the first sounding rocket to be launched in India.
- On November 21, 1963, this important launch occurred.
- Then two-stage rockets (M-100 from Russia and France) were brought in (Centaur).



- ISRO launched the Rohini RH-75 in 1967, the first sounding rocket of domestic design.
- The RH-200, RH-300-Mk-II, and RH-560-Mk-III are currently in use. They have an apogee range of 80 to 475 km and a payload capacity of 8 to 100 kg.

Source: Indian Express

ISRO testing cryogenic engine

Why in News:

- The CE20 cryogenic engine has been successfully tested by the Indian Space Research Organization (ISRO).



key points:

- According to ISRO, the CE20 cryogenic engine has been developed indigenously for LVM3.
- The CE20 cryogenic engines are designed to increase the LVM3 payload capacity to 450 kg with additional propellant loading.
- During the test, the Launch Vehicle Mark-III underwent warm up testing for the first time at an enhanced thrust level of 21.8 tons.
- The major modification made to this test object as compared to the previous engines was the introduction of Thrust Control Valve (TCV) for thrust control.
- In addition to the hot testing, for the first time, the engine also features a 3D printed LOX and LH2 turbine exhaust casing.
- LVM3 is currently the heaviest launch vehicle of ISRO.
- The Indian Space Research Organization is the national space institute of India, headquartered in Bangalore.
- The Indian Space Research Organization was established on 15 August 1969 as the Indian National Committee for Space Research.

Source: The Hindu



India's first private launch vehicle

Why in News:

- During the "Prarambh" mission, India's first privately developed rocket, the Vikram-S, will be launched into space from November 12–16, 2022.



key points:

- India's first private launch vehicle Vikram-S has been developed by Hyderabad-based Skyroute Aerospace.
- The name of this mission is 'Prarambh' (beginning), as it is the first mission of Skyroute.
- Skyroute will be the first private space business in India to launch rockets into space with this initial mission.
- The launch mission will transport three customer payloads to the specified orbit along with a suborbital spaceflight.
- A suborbital spaceflight is one that travels between 200 and 2,000 miles from Earth at an altitude of roughly 100 km above the surface. It is accomplished at a lower height than an orbital mission.
- Before the actual commercial mission is launched, sub-orbital flights are thought to be crucial for testing space missions.
- One of the three payloads is a 2.5 kg satellite made by children in India, the US, and Indonesia for Space Kidz India, another space business.
- The first startup to sign a Memorandum of Understanding (MoU) with ISRO in this area is Skyroot, the winner of two National Awards.
- The Vikram series, which was created entirely out of carbon fiber and is named after Dr. Vikram Sarabhai, the man who started India's space program, is capable of putting up to 800 kg of payload into low Earth orbit.

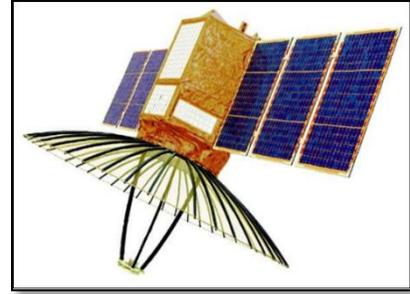
Source: The Hindu



RISAT-2 Satellite

Why in News:

- ISRO's radar-imaging satellite RISAT-2, which re-entered Earth's atmosphere on October 30, has crashed into the Indian Ocean.



key points:

- The Radar Imaging Satellite or RISAT is a series of Indian radar imaging reconnaissance satellites built by the Indian Space Research Organization (ISRO).
- RISAT-2 was India's first satellite with Synthetic Aperture Radar (SAR), which has 24-hour, all-weather capability.
- The first satellite named RISAT-2 was launched in the year 2009.
- The RISAT satellite was procured from Israel for USD 110 million mainly for surveillance purposes.
- A high-precision spy satellite was acquired from Israel with the aim of boosting its intelligence acquisition by India in the aftermath of the 26/11 terrorist attacks on 2008 Mumbai.
- The RISAT satellites are 300 kg all-weather spy satellites, which were placed to help security agencies keep round-the-clock surveillance on the country's borders, especially hostile neighbors and in anti-infiltration and counter-terrorist operations.
- In the year 2012, India's first indigenous all-weather radar imaging satellite, known as RISAT-1, was launched by ISRO.
- Prior to the launch of RISAT-1, India relied on images from a Canadian satellite as the existing indigenous remote sensing spacecraft was not capable of taking pictures of the Earth during cloud cover.

Source: The Hindu



Sports

Stephanie Frappart made history as the first woman to referee a men's World Cup match

Why in News:

- Stéphanie Frappart of France made history by being the first woman to officiate a World Cup match involving males.



key points:

- France's Stephanie Frappart is the first female official to oversee a men's tournament championship game.
- The match at the Al Bayt Stadium will also have assistance referees from Brazil, Nuja Back, and Mexico, Karen Diaz Medina.
- Prior to that, Frappart was the first female official to oversee a match in the UEFA Champions League and Ligue 1.
- Stéphanie Frappart officiated as the fourth official during the same World Cup in the contest between Mexico and Poland in Group C.
- For the first time ever, the FIFA Men's World Cup featured three female referees, Salima Mukansanga of Rwanda and Yamashita of Japan.
- Three female referees are among the 36 officials chosen for the Qatar-hosted FIFA World Cup in 2022.
- 69 assistant referees, including Brazilian Nja Baca, Mexican Karen Diaz Medina, and American Katherine Nesbitt, have also been chosen for the FIFA World Cup 2022.
- In the past, Frappart officiated men's games in the Champions League and World Cup qualifying stages.
- The 2019 Women's World Cup final was likewise officiated by Frappart.

Source: Business Standard



Asian Cup 2022 Table Tennis: Manika Batra becomes the first Indian woman to win a medal at Asian Cup

Why in News:

- Indian table tennis player Manika Batra is the first Indian woman to take home a medal from the Asian Cup competition.



key points:

- In the women's singles bronze medal match at the Asian Cup 2022 in Bangkok, Thailand, Manika defeated world no. 6 Hina Hayata of Japan.
- In the medal match, Manika Batra defeated Hina Hayata 4-2.
- Manika, who is ranked No. 44 in the world, is the top-ranked table tennis player in India.
- The International Table Tennis Federation (ITTF) and the Asian Table Tennis Federation jointly host the annual Asian Cup table tennis tournament.
- In 1983, the inaugural Asian Cup Table Tennis competition took place.
- Men's and women's singles events make up the competition, with 16 players qualifying for each part, with a cap of two players per association.

Source: Livemint

Paris 2024 Olympic and Paralympic mascots have been revealed

Why in News:

- "Games Wide Open" has been unveiled as the official Olympic slogan by the organizers of the 2024 Paris Olympics.

key points:

- The 2024 Summer Olympics will be held from July 26 to August 11, 2024.
- Athletes will compete in a total of 329 events in 32 sports at the Paris 2024 Olympics and Paralympics.
- The Paris 2024 Olympics and Paralympics aim to be the most gender-balanced Olympic Games in history.
- Women's competitions have been headlined at the Paris 2024 Olympics and Paralympics.



- The International Olympic Committee was established on 23 June 1894 in Paris, France.
- The headquarters of the International Olympic Committee are located in Lausanne, Switzerland and its president is Thomas Bach.

Source: Livemint

Ministry of Youth Affairs & Sports announced National Sports Awards 2022

Why in News:

- The winners of the prestigious National Sports Awards 2022, given by the government for the best performance in sports, have been announced.



key points:

- The National Sports Awards are given every year by the Central Government to recognize and reward excellence in sports.
- The winners of the National Sports Awards 2022 will receive their awards by the President of India at a specially organized ceremony at Rashtrapati Bhavan on 30 November.
- Indian table tennis player Sharath Kamal Achanta has been selected for the Major Dhyan Chand Khel Ratna Award 2022 in the National Sports Awards 2022.
- Earlier, Sharath Kamal became the first table tennis player to be awarded the Padma Shri in the year 2019.
- Sharath Kamal also won three gold and one silver medal in the Commonwealth Games this year.
- Sharath Kamal has so far won seven gold, three silver and three bronze medals in the Commonwealth Games.
- 40 awards have been announced in the National Sports Awards 2022.
- 25 players have been selected for the Arjuna Award in the National Sports Awards 2022.
- In the National Sports Awards 2022, seven coaches will be honored with the Dronacharya Award, while four players will be honored with the Dhyanchand Award.

Source: PIB



Asian Boxing Championships

Why in News:

- Four gold medals have been won by Indian boxers at the Asian Boxing Championships.

key points:

- Gold medals were won by Parveen, Lovlina Borgohain, Sweety Bora and Alfiya Pathan with stellar performances.
- In the final on November 11, 2022, in Jordan, Parveen defeated Kito Mai of Japan while Lovlina defeated Ruzmatova Sokhiba of Uzbekistan.
- Gulsaya Yerzhan of Kazakhstan has been defeated by Sweety in the Asian Boxing Championships.
- Alfiya Pathan has been awarded the gold medal in the Asian Boxing Championships after the disqualification of Islam Hussely.
- Earlier, a silver medal was won by Meenakshi at the Asian Boxing Championships.
- In the Asian Boxing Championships, Indian women boxers have won a total of seven medals, including four gold, one silver and two bronze, while performing brilliantly in the competition.
- The Asian Boxing Championships is the biggest competition for boxing enthusiasts in Asia.
- The first tournament of Asian Boxing Championship was organized in the year 1963 by Bangkok, Thailand.



Source: Livemint

ICC Player of the Month Awards

Why in News:

- The winners of the ICC Player of the Month Awards for October 2022 have been announced by the International Cricket Council (ICC).

key points:

- Indian batsman Virat Kohli has been named the Men's Player of the Month for October by the



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International Cricket Council while Pakistan all-rounder Nida Dar has been named the ICC Women's Player of the Month.

- The ICC Player of the Month Award is awarded after global voting among media representatives, ICC Hall of Famers, former international players, and fans registered on the ICC website.
- Indian batsman Virat Kohli was nominated for this award for the first time in his career.
- Along with Virat Kohli, Sikandar Raza of Zimbabwe and David Miller of South Africa were nominated for the ICC Player of the Month Awards.
- India's Jemima Rodrigues and Deepti Sharma were nominated for this month's ICC Player of the Month Awards along with Pakistan all-rounder Nida Dar.
- Earlier, for the month of September, Indian women's cricket team captain Harmanpreet Kaur and Pakistan batsman Mohammad Rizwan were selected for the ICC Player of the Month Awards.
- The ICC was established on 15 June 1909 and is headquartered in Dubai, United Arab Emirates.
- The ICC is chaired by Greg Barkley and CEO is Geoff Allardyce.

Source: Livemint

Dharmendra Pradhan Inaugurated 'Baji Raut National Football Tournament'

Why in News:

- The 'Baji Raut National Football Tournament' has been inaugurated by the Union Minister Dharmendra Pradhan in Dhenkanal, Odisha.



key points:

- Through the Baji Raut National Football Tournament, the government aims to attract the younger generation that is stuck on the internet and TV.
- Earlier the 'Football for School' initiative was started by the Government of India in association with FIFA and the All-India Football Federation.
- Under the Baji Raut National Football Tournament, the government aims to attract about 25 million school students to football.
- One million footballs will be distributed in government and private schools in all districts of the country through Jawahar Navodaya Vidyalaya under the Baji Raut National Football Tournament.



- In the history of India's freedom struggle, Baji Raut is known as the youngest martyr of the country.
- On 11 October 1938, 12-year-old Kishore Baji Raut of Neelkanthpur village of Dhenkanal district was shot dead by British soldiers.

Source: The Hindu

Personality

South Korea's Mina Sue Choi Crowned Miss Earth 2022

Why in News:

- At the Miss Earth 2022 pageant's crowning ceremony, which took place at Cove Manila in Paranaque City's Okada Hotel, Mina Soo Choi of South Korea was named the winner.



key points:

- Andrea Aguilera of Colombia, Nadine Ayyub of Palestine, and Sheridan Mortlock of Australia have each received the title of Miss Fire 2022, Miss Water 2022, and Miss Air 2022, respectively.
- Mina Soo Choi has also given out earlier titles like swimsuits, long gown, beach wear, and resort wear.
- Destiny Wagner, the first woman from Belize to win a significant international crown, gave Mina Soo Choi the title.
- The 2021 virtual competition was won by Destiny Wagner.
- In the top 20, Jenny Ramp, a Filipino-American psychology student from Tarlac province, represented the Philippines.
- The annual international competition, which Hindola Productions sponsors to encourage environmental protection, is in its 22nd year.
- Previously, Carla Henry in 2008, Jamie Herrell in 2014, Angelia Ong in 2015, and Karen Ibasco in 2017 were the four Filipino women to claim the title.

Source: Times of India



Egypt's President invited as chief guest for Republic Day 2023

Why in News:

- India has asked Egypt's President Abdel Fattah el-Sisi to be the chief guest at Republic Day in 2023, demonstrating New Delhi's sustained interest in the Arab region.



key points:

- One of the nine invited guests to the G20 summit in 2023, which will be hosted by India, is Egypt.
- A symbolic honor designated for the nation's closest allies and partners is the invitation to be the principal guest at the Republic Day celebrations on January 26.
- Due to the Covid-19 pandemic's disruptions, there was no chief guest for the celebrations in 2021 or 2022.
- Jair Bolsonaro, a former president of Brazil, was the event's final distinguished guest.
- The first Egyptian president to be hosted by India for Republic Day festivities is Abdel Fattah el-Sisi, 68.
- When India's focus shifted to the Gulf states due to interests like energy, trade, investment, and the presence of millions of expatriates, Egypt faced serious domestic political issues such as the Arab Spring protests and a severe economic crisis.

Source: Indian Express

Slovenia elects first female President, Natasa Pirc Musar

Why in News:

- Natasa Pirc Muser, a leading liberal, has been chosen to serve as Slovenia's first female president.

Key Points:

- In a "run-off" for the presidency, Natasa Perk Musser defeated Ange Loger, the nation's former foreign minister.



Monthly Current Affairs

- In a "run-off" election, the two candidates who received the most votes in the first-round advance to the next round, where the victor is declared the winner.
- Natasa Perk Musser won the "run-off" with 54 percent of the vote, while Logar received 46 percent.
- Natasa Perk Musser's election as president will strengthen the position of the centrist-left coalition, which won the April parliamentary elections in Slovenia.
- After Yugoslavia's breakup in 1991, Slovenia became an independent nation, and Natasa Perk Musser will be its first female president.
- In the past, Natasa Perk Musser, an attorney, represented former US First Lady Melania Trump in Slovenia in a variety of legal concerns, including "copyrights."

Source: Indian Express

Bronze statue of Sri Nadaprabhu Kempegowda

Why in News:

- 108 feet tall bronze statue of Sri Nadaprabhu Kempegowda has been unveiled by Prime Minister Narendra Modi in Bengaluru.



key points:

- The 108 feet tall bronze statue of Shri Nadaprabhu Kempegowda will be known as the "Statue of Prosperity".
- According to the 'World Book of Records', it is the first and tallest bronze statue of the founder of a city.
- Nadaprabhu Hiriya Kempe Gowda (1510 - 1569) also known as Kempe Gowda.
- Nadaprabhu Kempegowda was an Indian ruler under the Vijayanagara Empire.
- The capital city of Karnataka, Bangalore was founded in the year 1537 by Kempe Gowda.
- Nadaprabhu Kempegowda is also known for his social reforms and contribution to the construction of temples and water bodies in Bangalore.
- One of the social reforms carried out by Nadaprabhu Kempegowda was to prohibit the practice of chopping off the last two fingers of the left hand of unmarried women during "Bandi Devaru", an important custom of the Morasu Vokkaligas.
- Nadaprabhu Kempegowda was a great patron of arts and learning.

Source: PIB



First Women Inspector Generals of CRPF

Why in News:

- For the first time in the history of the Central Reserve Police Force (CRPF), two women officers have risen to the rank of Inspector General (IG).



key points:

- The two women officers who were promoted to the rank of Inspector General are IG Seema Dhundia and IG Annie Abraham.
- IG Seema Dhundia will head the Bihar sector of the CRPF, while IG Annie Abraham will head the Rapid Action Force (RAF).
- In 1986, the CRPF became the first Central Armed Police Force (CAPF) to induct women in combat.
- Both Seema Dhundia and Annie Abraham were in the first batch of women officers who were inducted into the CRPF in the year 1987.
- IG Seema Dhundia is known for serving in highly sensitive areas in India.
- Actively participated in the raising of 2nd Women Battalion of CRPF by IG Seema Dhundia.
- She was served by IG Seema Dhundia as the contingent commander of an all-women formed police unit (FPU) for the first time in the United Nations Mission in Liberia.
- Earlier IG Seema Dhundia was working as DIG in Rapid Action Force (RAF).
- The all-women FPU was commanded by IG Anne Abraham in the United Nations Mission in Liberia (UNMIL).
- Served by IG Anne Abraham as DIG, Intelligence in Force Headquarters and DIG, Operations in Kashmir Operations Sector and DIG CR and Vigilance.

Source: Times of India

1. Consider the following statement regarding the Multidimensional Integrated Stabilization Mission in Mali-

1) Bangladesh and Pakistan will send an armed chopper unit to the operation as part of the Multidimensional Integrated Stabilization Mission (MINUSMA).



2) In order to assist with the Multidimensional Integrated Stabilization Mission in Mali, India has chosen to send a utility helicopter unit (MINUSMA).

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

2. Consider the following statement regarding the Launch of RH200 -

1) The multi-role sounding rocket RH200 was successfully launched by ISRO for the 200th time in a row from the Thumba coast near Thiruvananthapuram.

2) The RH200 is a three-stage, multi-role sounding rocket with a 70 km maximum ascent height that can launch scientific payloads into orbit.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

3. In which of the following state, Dr. Bhimrao Ambedkar Dalit, Adivasi Udyog Protsahan Yojana – 2022 has been launched by the Department of Industries and Commerce to ensure participation of Scheduled Castes (SC) and Scheduled Tribes (ST) in industrial development?

- A. Uttar Pradesh
- B. Madhya Pradesh
- C. Rajasthan
- D. Telangana

4. Which of the following state governments will launch a scheme for planned development of border villages?'

- A. Bihar
- B. Uttarakhand



- C. Himachal Pradesh
- D. Sikkim

5. Which book prepared and published by ICHR has been launched by the Union Minister Pradhan?

- A. India: The Mother of Democracy
- B. The Hero of Tiger Hill
- C. From dependence to SelfReliance
- D. The \$10 Trillion Dream

6. International Day for the Elimination of Violence against Women is observed every year on which of the following date?

- A. 15 November
- B. 20 November
- C. 22 November
- D. 25 November

7. Consider the following statement regarding the Plastic Life-Cycle report -

- 1) The Delhi-based research organization Center for Science and Environment has produced The Plastics Life-Cycle Report (CSE).
- 2) Five changes have been made to the Plastic Waste Management Rules since they were released in 2016 until July 2022

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

8. Consider the following statement regarding the Har Ghar Gangajal Yojana-

- 1) The Har Ghar Gangajal project was launched by the Uttar Pradesh government.



2) A total of Rs 4,000 crore will be spent on the project's first phase of implementation.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

9. Which short film by Team Purple has won the 75 Creative Minds of Tomorrow Talent Campus, a part of the International Film Festival of India?

- A. Antardrishti
- B. The Ring
- C. Sau Ka Note
- D. Dear Diary

10. In which state the country's first integrated rocket design, manufacturing and testing facility will be provided by Skyroot Aerospace?

- A. Pune
- B. Bengaluru
- C. Mumbai
- D. Hyderabad

11. Which is the third survey vessel of the four Survey Vessels (Large SVL) project being built by GRSE/L&T for the Indian Navy, launched at Kattupalli, Chennai?

- A. Sandhayak
- B. Nirdeshak
- C. Ikshak
- D. Margdarshak

12. Which country's President has been invited by India as the chief guest for the Republic Day in the year 2023?

- A. Egypt
- B. Japan



- C. Malaysia
- D. Singapore

13. Consider the following statement regarding the 'Doing Business in India' Report 2022-

- 1). The UK India Business Council has released the eighth edition of its "Doing Business in India" report.
- 2). According to the survey, Gujarat has the best operating environment among Indian states.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

14. Consider the following statement regarding the Nai Chetna campaign against gender-based violence-

- 1). The Kerala government has started the Nai Chetna campaign to end gender-based violence.
- 2). The government is the target of Nai Chetna Abhiyaan's campaign to educate women in rural areas.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

15. In which city the first G20 Sherpa meeting will be held in India from 4 to 7 December 2022 under the chairmanship of India?

- A. New Delhi
- B. Pune
- C. Mumbai



D. Udaipur

16. Which Municipal Corporation in Madhya Pradesh (MP) plans to issue India's first municipal bonds (local government bonds) aimed at retail investors?

- A. Gwalior Municipal Corporation
- B. Indore Municipal Corporation
- C. Bhopal Municipal Corporation
- D. Ujjain Municipal Corporation

17. What is the name of the Indo-Malaysia joint military exercise "2022" organized from 28 November to 12 December 2022 at Pulai, Kluang, Malaysia?

- A. Vajra Prahar
- B. Surya Kiran
- C. Harimau Shakti
- D. Garuda

18. Who among the following has been conferred with the 'Award of Excellence' at the United Nations Educational, Scientific and Cultural Organization (UNESCO) Asia-Pacific Awards for Cultural Heritage Conservation-2022?

- A. Chhatrapati Shivaji Maharaj Vastu Museum (CSMVS), Mumbai
- B. Amar Singh College, Jammu & Kashmir
- C. Gandhi Book Museum, New Delhi
- D. Stepwells of Golconda, Hyderabad

19. Consider the following statement regarding the WTO Goods Trade Barometer-

- 1). The World Trade Organization created the Goods Trade Barometer to supplement existing trade statistics and projections.
- 2). The World Trade Organization's trade projection from October, which expected that the volume of merchandise trade would increase by 3.5% in 2022 and 1% in 2023



Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

20. Consider the following statement regarding the World's 1st Intranasal Covid vaccine-

- 1). Serum Institute Of India has gained approval from the Central Drugs Standard Control Organization for their iNcovac (BBV154) COVID-19 intranasal vaccine (CDSCO).
- 2). iNcovac is stable at 2 to 8°C, distribution and storage are simple.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

21. Which word has been declared as the Word of the Year for the year 2022 by the world's renowned publisher Merriam Webster?

- A. Gaslighting
- B. Metaverse
- C. I Stand With
- D. Goblin mode

22. Which Indian city has been ranked 22nd in the global index that measures the annual value of premium residential properties released by Knight Frank?

- A. Bengaluru
- B. New Delhi
- C. Pune
- D. Mumbai



23. Which Indian city has sold the highest number of electoral bonds since the scheme was launched five years ago?

- A. Lucknow
- B. Mumbai
- C. Bengaluru
- D. Delhi

24. Which Paralympic medalist has been honored with the Para Sports Person of the Year award?

- A. Mariyappan Thangavelu
- B. Varun Singh Bhati
- C. Deepa Malik
- D. Avni Lekhra

25. What is the position of Mukesh Ambani in the perspective of India in the list of India's 100 wealthiest people released by Forbes 2022?

- A. 1st Position
- B. 2nd Position
- C. 3rd Position
- D. 4th Position
- E. None of the above/ More than one of the above

26. According to the Carbon Capture, Utilization and Storage (CCUS) report released by NITI Aayog, what is the per capita CO₂ emission of India approximately?

- A. 1.9 tons per year
- B. 3.5 tons per year
- C. 4.8 tons per year
- D. 7.9 tonnes per year
- E. None of the above/ More than one of the above

27. Under which ministry does the Registrar General and Census Commissioner of India work?

- A. Ministry of Women & Child Development
- B. Ministry of Education



- C. Ministry of Home Affairs
- D. None of these

28. Consider the following statements about 'Doctor Apke Dwar' Mobile Health Clinics

1) Cabinet Minister of Power and New & Renewable Energy Shri R.K. Singh inaugurated REC's CSR initiative for procurement, operation and maintenance of ten Mobile Health Clinics.

2) The total cost of the project is Rs. 12.68 crore which will facilitate operational expenditure for three years for smooth functioning of the project.

Select the correct statements using the codes given below:

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

29. The first woman to referee a men's FIFA World Cup match is

- A. Stephanie Frappart
- B. Dalima Chibber
- C. Manisa Panna
- D. Ritu Rani
- E. None of the above/ More than one of the above

30. Miss Earth 2022 winner Mina Sue Choi belongs to which country?

- A. China
- B. Japan
- C. North Korea
- D. South Korea
- E. None of the above/ More than one of the above

31. Consider the following statement regarding the UK-India Young Professionals Scheme-



- 1). The UK-India Young Professionals Scheme was announced by British Prime Minister Rishi Sunak at the G20 Summit in Bali, Indonesia.
- 2). The UK-India Young Professionals scheme will benefit 3,000 degree-holding Indians aged 22 to 35.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

###COMMON###32###34### **Directions:** Answer the questions based on the information given below.

Marrico Ltd. has a branch in each of the five places - Delhi, Mumbai, Kolkata, Gujarat and Raipur. Each branch has two divisions - Upper division and Lower division. The number of employees in each branch is more than 250 but not more than 350. The number of employees in the Upper division of each branch is either one-third or one-fourth of the number of employees in the Lower division of that branch. The number of employees in the Upper divisions of Gujarat and Mumbai branches are squares of two natural numbers 'n' and 'n + 1' respectively. The number of employees in Raipur branch is 20% less than the number of employees in Gujarat branch. The number of employees in the Upper division of Kolkata branch is 72. The ratio of the number of employees in Lower division and Upper division of Delhi branch is 4 : 1. The difference between the number of employees in Lower division and Upper division of the five branches together is 836. ###DONE###

32. The Upper divisions of which two branches have an equal number of employees?

- A. Delhi and Raipur
- B. Gujarat and Raipur
- C. Kolkata and Delhi
- D. Gujarat and Kolkata

33. Which state government has launched 'Amar Sarkar' web portal to spread the benefits of Central and State sponsored schemes among the citizens?



- A. Punjab
- B. Orissa
- C. Tripura
- D. Uttar Pradesh

34. Which of the following INS has participated in the operation "Sea Sword 2" led by joint maritime forces in the northwest Arabian Sea?

- A. INS Trikand
- B. INS Tabar
- C. INS Teg
- D. INS Tarkash

35. Which country has become the only country to receive the Excel Award-2022 for leadership in family planning at an international conference held in Thailand?

- A. Thailand
- B. Philippines
- C. India
- D. Singapore

36. World Toilet Day is observed every year on which day with the aim of keeping people healthy and raising awareness about the importance of sustainable sanitation?

- A. 15 November
- B. 17 November
- C. 19 November
- D. 21 November

37. Consider the following statement regarding the Shanghai Cooperation Organization (SCO)-

- 1). The Ministry of External Affairs has launched the official website of the Shanghai Cooperation Organization (SCO) with the slogan SECURE SCO.
- 2). India will serve as the group's chair from September 2022 to September 2023



Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

38. Consider the following statement regarding the Jal Jeevan Survekshan-2023 -

- 1). Jal Jeevan Survekshan (JJS) Toolkit 2023 has been launched by the President of India.
- 2). Jal Jeevan Mission aims to provide safe and sufficient drinking water to all rural households and public institutions by the year 2030

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

39. India has moved up six places to which position in the Network Readiness Index 2022?

- A. 55th
- B. 61st
- C. 65th
- D. 70th

40. How many schools in India have been awarded the Swachh Vidyalaya Puraskar for the academic session 2021-22?

- A. 25 Schools
- B. 35 Schools
- C. 39 Schools
- D. 45 Schools



41. The 14th Dalai Lama has been honored with which award by Himachal Pradesh Governor Rajendra Vishwanath Arlekar at Thekchen Choeling in McLeodganj, Dharamshala?

- A. Gandhi Mandela Award 2022
- B. Shanti Swarup Bhatnagar Award 2022
- C. Jnanpith Award 2022
- D. Bhasha Samman Award 2022

42. Which day is celebrated as World Children's Day to promote the feeling of solidarity among children?

- A. 10 November
- B. 13 November
- C. 15 November
- D. 20 November

43. Consider the following statement regarding the global partnership on artificial intelligence -

- 1) India assumed the chairmanship of the Global Partnership Group for Artificial Intelligence on 21 November.
- 2) The group is an international initiative to support human-centered development and responsible use of artificial intelligence.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

44. Consider the following statement regarding the World Heritage Week -

1. The Department of Archives, Archeology and Museums is hosting World Heritage Week from November 19 through November 25, 2022.
2. In 1861, the Archaeological Survey of India was founded, with its main office in Mumbai.



Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

45. Buddhavanam the first Buddhist heritage theme park is located in which of the following state?

- A. Nagarjunasagar, Telangana
- B. Nagpur, Maharashtra
- C. Indore, Madhya Pradesh
- D. Ranchi, Bihar

46. Naseem Al Bahr-2022, the 13th edition of the bilateral exercise between the navies of India and which country, has been started?

- A. Bahrain
- B. Iraq
- C. Oman
- D. Qatar

47. Who has been conferred with IFFI's Indian Film Personality of the Year Award for the year 2022?

- A. Amitabh Bachchan
- B. Anupam Kher
- C. Sharukh Khan
- D. Chiranjeevi

48. Which NGO has been awarded the Indira Gandhi Peace Prize 2021 for the work of expanding the scope of education in India?

- A. eVidyaloka
- B. E and H Foundation
- C. Udaan India Foundation
- D. Pratham Education Foundation



49. Consider the following statement regarding the India Australia free trade agreement-

- a. A free trade agreement to promote trade between the two nations is the India-Australia Economic Cooperation and Trade Agreement (AI-ECTA).
- b. A little over 91.6% of Australia's exports to India are duty-free under the FTA.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

50. Consider the following statement regarding the Karmayogi Prarambh module-

- a. Prime Minister Modi has introduced the Karmayogi Prarambh Module.
- b. Karmayogi Prarambh Module is available for new hires in many government agencies.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

51. Who has received Jaipurfoot USA's first Global Humanitarian Award?

- A. Khalid Jawed's
- B. Danish Manzoor Bhat
- C. Venki Ramakrishnan
- D. Shlok Mukherjee

52. 'Jumbo Trails' has been started in Annamalai Tiger Reserve (ATR), in which state this tiger reserve is located?



- A. Tamil Nadu
- B. Telangana
- C. Karnataka
- D. Tripura

53. Uttar Pradesh Chief Minister has inaugurated the UNESCO-India-Africa Hackathon 2022, it has been opened in which city of Uttar Pradesh?

- A. Ghaziabad
- B. Kanpur
- C. Gautam Buddh Nagar
- D. Meerut

54. Which Indian table tennis player has become the first Indian woman to win a medal in the Asian Cup table tennis tournament?

- A. Neha Aggarwal
- B. Sreeja Akula
- C. Manika Batra
- D. Reeth Rishya
- E. None of the above/ More than one of the above

55. Consider the following statement regarding the Illegal Wildlife Trade and Climate Change report-

- 1) In central African rainforests, the loss of African forest elephant populations could cause an above-ground biomass to decline of 7%.
- 2) The United Nations Office on Drugs and Crime has published a report titled "Illegal wildlife trade and climate change: connecting the dots".

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

56. Consider the following statement regarding the Carbon Disclosure Project-



- 1) The 5th Annual Cities Report from CDP features Pune as the first Indian city on the A-list.
- 2) The CDP has identified 122 cities around the globe as leaders in environmental action and transparency in 2022

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

57. Which of the following city has registered its name in the Guinness World Record by achieving the feat of making 22,000 paper boats in 35 minutes?

- A. Pune
- B. Aurangabad
- C. Bengaluru
- D. Cuttack

58. According to this report released by RBI "Handbook of Statistics on Indian States, 2021-22", which state has the highest total installed capacity of grid-interactive renewable energy?

- A. Maharashtra
- B. Bihar
- C. Karnataka
- D. Uttar Pradesh

59. Which bank has launched India's first sticker-based debit card- FIRSTAP in association with National Payments Corporation of India (NPCI).

- A. State Bank of India
- B. Punjab National Bank
- C. IDFC First Bank
- D. Bank of Baroda

60. Who has been awarded the UN's highest environmental honor 'Champions of the Earth' for the year 2022?



- A. Purnima Devi Barman
- B. Ravi Kumar Sagar
- C. Danish Manjoor
- D. Vandana Shiva

61. Consider the following statement regarding the 'Eat Right Station' Certification award-

- 1). Nagpur Railway Station has been awarded a 4-star 'Eat Right Station' certification by the Food Safety and Standards Association of India (FSSAI).
- 2). Earlier, Chandigarh Railway Station was the fifth Indian Railway station to receive the 5-Star 'Eat Right Station' certification in September 2021.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

62. Consider the following statement regarding the Currency monitoring list-

- 1). India has been removed from its currency monitoring list by the US Treasury Department along with Italy, Mexico, Thailand and Vietnam.
- 2). China, Japan, Korea, Germany, Malaysia, Singapore and Taiwan are the seven economies that are part of the current currency monitoring list.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

63. Which of the following is the name of cryogenic engine that has been successfully test-fired by the Indian Space Research Organization (ISRO)?

- A. Dhawan-I
- B. CE20



- C. Skyroot
- D. Mitra-2

64. In which city the "Statue of Prosperity", a 108 feet tall bronze statue of Shri Nadaprabhu Kempegowda was unveiled by Prime Minister Narendra Modi?

- A. Madurai
- B. Coimbatore
- C. Hyderabad
- D. Bengaluru
- E. None of the above/ More than one of the above

65. Indian boxers have won four gold medals in the Asian Boxing Championships. Who among the following is not a gold medalist in the Asian Boxing Championship?

- A. Shiva Thapa
- B. Parveen
- C. Lovlina Borgohain
- D. Sweetie Bora

66. National Bird Day is celebrated every year in the month of November on which date all over India?

- A. 10 November
- B. 09 November
- C. 12 November
- D. 14 November

67. Consider the following statement regarding the Global Vaccine Market Report 2022-

- 1). The Global Vaccine Market Report 2022 has been released by the World Health Organization (WHO).
- 2.) According to the Report, more than 83 percent of high-income countries have access to human papillomavirus vaccine (HPV) vaccines.

Which of the statements given above is/are correct?



- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

68. Consider the following statement regarding the E-Waste (Management) Rules, 2022-

- 1). The E-waste (Management) Rules, 2022 were published by the Ministry of Environment, Forest and Climate Change on November 2, 2022
- 2). Under the new rules, the number of items classified as e-waste has increased from 21 to 75

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

69. Where will the India 3rd Ministerial "No Money for Terror" conference be held on 18th and 19th November this year?

- A. Mumbai
- B. New Delhi
- C. Haridwar
- D. Pune

70. In which city will Cochin Shipyard build India's first hydrogen fuel cell catamaran vessel?

- A. Varanasi
- B. Patna
- C. Bangalore
- D. Thiruvananthapuram

71. Which state has been awarded the prestigious Responsible Tourism Global Award in tourism at the World Travel Mart held in London?



- A. Singapore
- B. New York
- C. Kerala
- D. Mumbai

72. World Kindness Day is celebrated every year on which of the following days in the november in all over the world?

- A. 02 November
- B. 11 November
- C. 10 November
- D. 13 November

73. Consider the following statement regarding the world human population-

1). According to the United Nations (UN), the world human population has crossed the 8 billion (billion) mark on 15 November 2022

2). According to the United Nations, it has taken just 10 years for the global population to reach from 7 billion to 8 billion.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

74. Consider the following statement regarding the G20 Summit-

1). The 17th Group of 20 (G20) summit has been organized in Bali, Indonesia.

2). The G-20 grouping represents roughly two-thirds of the world's population and comprises the largest advanced and emerging economies.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2



D. Neither 1 nor 2

75. Who has been elected the first woman President of the European country Slovenia?

- A. Natasa Pirc Musar
- B. Borut Pahor
- C. Ange logger
- D. Janko Smole

76. Who will be honored with the Satyajit Ray Lifetime Achievement Award 2022 at the 53rd International Film Festival of India in Goa?

- A. Carlos saura
- B. Anders Refn
- C. Amitabh Bachchan
- D. Masakazu Kaneko
- E. None of the Above/More than one of the above

77. Who has been declared the winner for India this year titled 'India on the Center Stage' by Google announcing the winner of the Google for Doodle 2022 contest?

- A. Kanakala Shrinika
- B. Divyanshi Singhal
- C. Pihu Kachhap
- D. Shlok Mukherjee

78. Which Indian sportsperson has been selected for the Major Dhyan Chand Khel Ratna Award 2022 at the National Sports Awards 2022?

- A. Sharat Kamal Achanta
- B. Prajnesh Gunneswaran
- C. Sathiyam Gnanasekaran.
- D. Seema Punia

79. Consider the following statement regarding the The Leadership Group for Industry Transition (LeadIT) Summit 2022 -



- 1). India and Sweden hosted the LeadIT Summit, on the side-lines of COP27
- 2). The LEEDIT initiative focuses on the low carbon transition of the industrial sector.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

80. Consider the following statement regarding the G7 'Global Shield' Climate Funding -

- 1). Pakistan, Ghana and Bangladesh are among the first recipients of funds from the G7 'Global Shield'.
- 2). The 'Global Shield' climate funding was announced at the COP27 summit in Glasgow.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

81. Association of Southeast Asian Nations (ASEAN) has agreed in principle to admit which country as the 11th member of the grouping?

- A. Tasmania
- B. Papua
- C. Vietnam
- D. East Timor
- E. None of the Above/More than one of the above

82. Which has become the first publicly listed company in the world to lose a trillion dollar market cap?



- A. Amazon
- B. Walmart
- C. Facebook
- D. Glencore

83. The organizers of the 2024 Olympics have unveiled "Games Wide Open" as the official Olympic slogan. Where are the 2024 Olympics being held?

- A. United States of America
- B. Paris
- C. Brisbane
- D. Italy
- E. None of the Above/More than one of the above

84. Who has been awarded the Deming Prize for his outstanding contribution in the dissemination and promotion of Total Quality Management?

- A. L Ganesh
- B. Pather Panchali
- C. Srishti Bakshi
- D. Tanvi Grover

85. Consider the following statement regarding the Vostro Accounts Opened to Facilitate Overseas Trade in Rupee

1). The Reserve Bank of India (RBI) has authorized the opening of nine special Vostro accounts with two Indian banks, UCO Bank and Punjab National Bank.

2). The first international banks to gain this approval are Sberbank, the largest bank in Russia, and VTB Bank, the second largest.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2



86. Consider the following statement regarding the National Newborn Week 2022 -

- 1). India annually observes Newborn Care Week from November 15 through November 21
- 2). The report states that 2.6 million children are born dead each year in addition to 2.6 million children dying within the first week of life.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

87. India has moved up 2 places to what rank out of 63 countries in the Climate Change Performance Index 2023 by Germanwatch, New Climate Institute and Climate Action Network?

- A. 8th
- B. 10th
- C. 12th
- D. 11th

88. Reserve Bank of India (RBI) has included how many banks on a pilot project to bring its digital currency (Digital Rupee) for the retail market?

- A. 3 Banks
- B. 4 Banks
- C. 5 Banks
- D. 6 Banks

###COMMON###89###89### **Direction:** Each question below has two blanks. There are five pairs of words below each sentence. Choose the pair of words which can be filled up in the blanks in the sentence in the same order so as to complete the sentence meaningfully. ###DONE###

89. Scientists have shown for the first time that offsprings can be _____ from non-egg cells, a breakthrough that may have



future applications in human fertility treatments and for _____
endangered animal species.

- A. created, despoiling
- B. consumed, preserving
- C. dampened, maintaining
- D. produced, conserving
- E. originated, applying

90. When is World Philosophy Day celebrated by UNESCO in the month of November every year?

- A. Second Wednesday of the Month
- B. First Thursday of the Month
- C. Second Monday of the Month
- D. Third Thursday of the Month

91. Consider the following statement regarding the Committee for Higher Educational Institutions-

- 1). A high-level panel regarding the Committee for Higher Educational Institutions was constituted by the Ministry of Human Resource Development.
- 2). The Committee for Higher Educational Institutions will be headed by Dr. K. Radhakrishnan.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

92. Consider the following statement regarding the Niveshak Didi programme-

- 1). Niveshak Didi program has been launched by India Post Payments Bank.
- 2). India Post Payments Bank has organized India's first temporary financial literacy camp for women 'Investor Didi' in Patna, Bihar.



Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

93. Lakhpati Didi Yojana has been launched by the Rural Development Department of which state government under the National Rural Livelihood Mission?

- A. Bihar
- B. Tamil Nadu
- C. Orissa
- D. Uttarakhand

94. According to a report by US Media company, India has been ranked at which position in the list of countries with the cheapest manufacturing cost?

- A. First
- B. Third
- C. Fifth
- D. Seventh

95. In which state 'Baji Raut National Football Tournament' has been inaugurated by Union Minister Dharmendra Pradhan?

- A. Telangana
- B. Tamil Nadu
- C. Odisha
- D. Uttar Pradesh

96. Which of the following has been appointed by the Government of Australia as an Honorary Member of the General Division of the Order of Australia (AM) for his service to Australia-India bilateral relations?

- A. Taranjit Singh Sandhu
- B. Amit Dasgupta
- C. Anumula Gitesh Sarma



D. Ajay Bisaria

97. Consider the following statement regarding the World Travel Market Exhibition-

- 1). India has participated in the World Travel Market Exhibition starting in New Delhi.
- 2). The theme of this year's World Travel Market exhibition is "The Future of Travel Begins Now".

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

98. Consider the following statement regarding the Seema Darshan Project -

- 1). The objective of the Seema Darshan project is to spread the life and work style of Border Security Force (BSF) personnel on our border among the people.
- 2). Nadabet is situated in the Rann of Kutch region, also known as 'Wagah of Gujarat'.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

99. Which organization has released the State of Food and Agriculture Report 2022?

- A. World Food Programme
- B. Food and Agriculture Organization
- C. World Economic Forum



D. United Nations Development Programme

100. Snow Leopard Population Assessment of India (SPAI) has been expanded to which region of Jammu and Kashmir?

- A. Baltal-Zojila
- B. Pir- Panjal
- C. Kangan-Sonmarg
- D. Khardung

101. ISRO's Radar Imaging Satellite or RISAT RISAT-2, a satellite built by the Indian Space Research Organization (ISRO), which re-entered the Earth's atmosphere on October 30, has fallen into which of the following oceans?

- A. Pacific Ocean
- B. Arabian Sea
- C. Indian Ocean
- D. Atlantic Ocean

102. How many nursing professionals have been presented with the National Florence Nightingale Awards for the year 2021 by the President Smt. Draupadi Murmu at Rashtrapati Bhavan this year?

- A. 25
- B. 30
- C. 35
- D. 51

103. Consider the following statement regarding the Middle East Green Initiative Summit –

- 1) Middle East Green Initiative Summit 2022 organized in Riyadh.
- 2) The Middle East Green Initiative aims to reduce global carbon levels by 2.5%.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only



- C. Both 1 and 2
- D. Neither 1 nor 2

104. Consider the following statement regarding the National Bio-Energy Program -

1. The Ministry of New and Renewable Energy (MNRE) has announced the continuation of the National Bio-Energy Program by the year 2025-26
2. The first phase of The National Bio-Energy Program has been approved with a budget outlay of Rs 858 crore.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

105. The need to update the National Population Register (NPR) database in the entire country except which state has been highlighted in its latest annual report released by the Ministry of Home Affairs?

- A. Arunachal Pradesh
- B. Tripura
- C. Assam
- D. Nagaland

106. Which of the following batsmen has been named the Men's Player of the Month by the International Cricket Council (ICC) for the ICC Player of the Month Awards for October 2022?

- A. David Warner
- B. Imam-ul-Haq
- C. Virat Kohli
- D. Rohit Sharma

107. Which of the following retired Chief Justice of the High Court, has been appointed as the Chairman of the Law Commission?



- A. Rituraj Awasthi
- B. Rajesh Bindal
- C. Indira Banerjee
- D. Navin Sinha

108. The President of India, Smt. Draupadi Murmu has greeted the countrymen on the eve of the birthday of Guru Nanak Dev ji, which birth anniversary will the country celebrate this year?

- A. 450th
- B. 550th
- C. 353rd
- D. 553rd

109. Consider the following statement regarding the International Drought Resilience Alliance (IDRA) -

- a) IDRA has been jointly launched by Spain and Senegal to promote cooperation to enhance preparedness against future droughts.
- b) IDRA was first announced by Spain at the 77th session of the UNGA.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

110. Consider the following statement regarding the Mangrove Alliance for Climate (MAC) -

- a) India has joined the Mangrove Alliance for Climate (MAC) at the 27th summit of the Conference of the Parties (COP27) in Sharm el-Sheikh, Egypt.
- b) Mangrove forests constitute about 2% of the total geographical areas in India.

Which of the statements given above is/are correct?



- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

111. Mother Language Survey of India (MTSI) along with field videography of how many languages of the country has been completed by the Ministry of Home Affairs (MHA)?

- A. 576
- B. 476
- C. 516
- D. 375

112. Indian and which country's Air Force have participated in Air Exercise Garuda-VII held in Jodhpur?

- A. Japan
- B. Singapore
- C. France
- D. Thailand
- E. None of the above/ More than one of the above

113. Which India's first privately developed rocket by space technology startup, Skyroute Aerospace will be sent into space under the 'Prarambh' mission from November 12 to 16, 2022?

- A. Kalam-V
- B. Vikram-S
- C. Arya-S
- D. Vikram-V

114. Which of the following justice has been sworn in as the 50th Chief Justice of India (CJI), succeeding 49th CJI Uday Umesh Lalit?

- A. Dhananjaya Y. Chandrachud
- B. Sanjay Kishan Kaul
- C. S. Abdul Nazeer
- D. K. M. Joseph



Monthly Current Affairs

115. Consider the following statement regarding the Energy Transition Accelerator (ETA) -

- 1). A new carbon offset plan called the Energy Transition Accelerator (ETA) for climate finance has been unveiled by Japan.
- 2). The new carbon offset scheme will be implemented by the year 2030.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

116. Consider the following statement regarding the Dynamic Ground Water Resources Assessment Report, 2022-

- 1). The Union Minister of Jal Shakti has released the nation's dynamic groundwater resource assessment report for the year 2022.
- 2). The paper claims that 48% of the water used in Indian cities comes from groundwater.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

117. Under which edition of Atal New India Challenge (ANIC), women-centric challenges have been launched by Atal Innovation Mission of NITI Aayog?

- A. First
- B. Second
- C. Third
- D. Fifth

118. Who was awarded the India Agribusiness Award-2022 at the 'Agro World 2022'-India International Agribusiness and Technology Fair?



- A. National Fisheries Development Board
- B. National Dairy Development Board
- C. National Agriculture Development Board
- D. National Livestock Development Board

119. For the year 2022, who was awarded the prestigious Bailey K. Ashford Medal and American Society of Tropical Medicine and Hygiene (FASTMH) award?

- A. Shehan Karunatilaka
- B. Subhash Babu
- C. Narayanan Kumar
- D. Ashok Soota

120. Which of the following date is celebrated every year as Transport Day all over India?

- A. 05 November
- B. 07 November
- C. 10 November
- D. 11 November

121. Consider the following statement regarding the 2022 Forest Declaration Assessment-

- 1) It publishes an annual update on progress towards the global forest goals.
- 2) According to the report, forest financing needs to increase by up to 200 times to meet the 2030 targets

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

122. Consider the following statement regarding the Global TB Report 2022-



- 1) The World Tuberculosis Report 2022 has been released by the World Health Organization.
- 2) According to the report, more than 10.6 million people have become ill due to tuberculosis in the year 2021 which is an increase of 10 percent from last year 2020.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

123. In which district of Rajasthan will the world's tallest Lord Shiva statue be unveiled?

- A. Ajmer
- B. Rajsamand
- C. Banswara
- D. Barmer

124. Which state tourism department has recently launched 'Women-friendly tourism' project to ensure safe and clean destinations for women?

- A. Tamil Nadu
- B. Rajasthan
- C. Uttar Pradesh
- D. Kerala

125. The battalion-level "Yudh Abhyas" exercise will be conducted between the armies of Indian and which country from 15 November 2022 to 2 December 2022?

- A. America
- B. Japan
- C. Indonesia
- D. Singapore



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126. Which spiritual leader has been appointed by the central government as the chairman of the country's Civil 20 (C20), an official engagement group of the Group of 20 (G20)?

- A. Sri Sri Ravi Shankar
- B. Dalai Lama
- C. Sadhvi Ritambhara
- D. Mata Amritanandamayi

127. Consider the following statement regarding the IEA World Energy Outlook (WEO) 2022 report-

- 1) According to the IEA World Energy Outlook report, all fuels are affected by the Ukrainian crisis.
- 2) According to the report, around 75 million people who have recently got electricity will be unable to pay their energy bills.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

128. Consider the following statement regarding the India's Second National Model Vedic School-

- 1) India's second National Model Ved Vidyalaya (RAVV) has been inaugurated in Ranchi.
- 2) Maharishi Sandipani National Model Vidya Pratishthan is the first such school in Ujjain, Madhya Pradesh.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2



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129. The Mawmluh cave located in which state has been recognized as one of the first 100 IUGS geological heritage sites by the International Union of Geological Sciences (IUGS), one of the largest scientific organizations of UNESCO?

- A. Arunachal Pradesh
- B. Manipur
- C. Meghalaya
- D. Mizoram

130. Which company has become the first Indian company to post earnings call on Metaverse in its Q2 FY 2022-23?

- A. Reliance Industries Ltd.
- B. Indian Oil Corporation Ltd.
- C. Tata Consultancy Services Ltd.
- D. Adani Enterprises Ltd.
- E. None of the above/More than one of the above

131. In India every year on 31 October, the birthday of Sardar Vallabhbhai Patel is celebrated as Rashtriya Ekta Diwas, in which year National Unity Day was celebrated for the first time?

- A. 2010
- B. 2012
- C. 2016
- D. 2014

132. Which date has been designated as World Cities Day every year by the United Nations General Assembly?

- A. 30 October
- B. 31 October
- C. 01 November
- D. 04 November

133. Consider the following statement regarding the UNHCR Report-

1) According to the report released by the UNHCR 103 million People Forcibly Displaced Worldwide.



2) According to the report, in the middle of the year 2022, Turkey hosted 3.7 million refugees, which is the largest refugee population in the world.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

134. Consider the following statement regarding the 1st ASEAN-India Start-up Festival 2022 -

1. The first ASEAN-India Start-up Festival was inaugurated by the Department of Science and Technology on 27 October 2022 in New Delhi.
2. The ASEAN-India Start-up Festival is part of several events to celebrate the 30th anniversary of ASEAN-India diplomatic relations.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

135. Which state government has inaugurated North India's first hyper-scale data center Yotta D1 built at a cost of Rs 5,000 crore?

- A. Haryana
- B. Bihar
- C. Himachal Pradesh
- D. Uttar Pradesh

136. Which state government's Laxmire Bhandar Yojana has been awarded the SKOCH award in the women and child development category?

- A. Orissa
- B. West Bengal
- C. Uttar Pradesh
- D. Telangana



E. None of the above/more than one of the above

137. Which retail jewelry major has become the first Indian jeweler to import 25 kg of gold under the Comprehensive Economic Partnership Agreement between India and UAE?

- A. Tanishq
- B. Kalyan Jewellers
- C. Rajesh Exports
- D. Malabar Gold And Diamonds

138. On the occasion of World Vegetarian Day, people are called to eat only vegetarian food except meat for one day, on which day World Vegetarian Day is celebrated every year?

- A. 30 October
- B. 02 November
- C. 01 October
- D. 01 November

139. Consider the following statement regarding the The 6th High Level Dialogue on Migration and Mobility (HLDMM) -

- 1) The 6th High Level Dialogue on Migration and Mobility (HLDMM) between India and the European Union (EU) was held in Brussels on 27 October 2022
- 2) The fifth edition was organized in New Delhi in the year 2019

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

140. Consider the following statement regarding the Electronics Manufacturing Cluster



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1. An electronic manufacturing cluster has been announced by the Union Ministry of State for Electronics and Information Technology, at Nagpur in Maharashtra.
2. The government aims to garner over Rs 2,000 crore investment in Electronic Manufacturing Clusters (EMCs).

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

141. India's first fish museum, which has been approved by the central government, will be set up in which state?

- A. Sikkim
- B. West Bengal
- C. Manipur
- D. Arunachal Pradesh
- E. None of the above/More than one of the above

142. Who among the following has been appointed as the Director of ICAR-Sugarcane Breeding Institute till the year 2024 on the recommendation of Agricultural Scientists Recruitment Board, New Delhi under the Union Minister of Agriculture and Farmers Welfare.

- A. Leena Nandan
- B. G. Hemaprabha
- C. Alka Mittal
- D. Leena Nair

143. Central Vigilance Awareness Week was held from 31st October to 6th November, 2022, what is the theme of Central Vigilance Awareness Week this year?

- A. Corruption Free India - Developed India
- B. Vigilant India, Prosperous India
- C. Preventive Vigilance as a tool of Good Governance



D. Eradicate Corruption-Build a New India

144. The International Day for Impunity for Crimes Against Journalists is observed annually on which day?

- A. 31 October
- B. 30 October
- C. 1 November
- D. 2 November

145. Consider the following statement regarding the World Heritage Sites-

1) The United Nations Educational, Scientific and Cultural Organization (UNESCO) has warned that many World Heritage Site glaciers could disappear by the year 2050.

2) The remaining two-thirds of the sites are likely to be saved if global temperatures are maintained below 1.5 °C

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

146. Consider the following statement regarding the Report on Performance Grading Index (PGI) for States/UTs-

1. The Performance Grading Index (PGI) for the year 2020-21 has been released by the National Council of Educational Research and Training.

2. The PGI structure consists of 1,000 points out of 70 indicators, which are divided into two categories - Outcomes and Governance Management.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2



D. Neither 1 nor 2

147. How many crores is the Gross GST Revenue collected in the month of October 2022, which is the second largest monthly collection of the Finance Ministry till date?

- A. 1,51,718 crores
- B. 2,51,718 crores
- C. 1,05,718 crores
- D. 1,51,218 crores

148. For the first time in the history of Central Reserve Police Force (CRPF), two women officers have reached the post of Inspector General (IG), out of which IG Seema Dhundia and which other women officers are included?

- A. Rashmi Shukla
- B. Annie Abraham
- C. Nalini Prabhat
- D. Charu Sinha

149. Which word has been chosen as Collins Dictionary's Word of the Year 2022?

- A. binge-watch
- B. Single-Use
- C. Permacrisis
- D. Photobomb

150. To promote Indian languages, the University Grants Commission has proposed to celebrate Indian Language Day on which date?

- A. 11 December
- B. 04 December
- C. 07 December
- D. 04 November



###ANSWERS###

1. Ans. C.	31. Ans. A.	61. Ans. B.	91. Ans. C.	121. Ans. C.
2. Ans. A.	32. Ans. B.	62. Ans. C.	92. Ans. A.	122. Ans. A.
3. Ans. C.	33. Ans. C.	63. Ans. B.	93. Ans. D.	123. Ans. B.
4. Ans. B.	34. Ans. A.	64. Ans. D.	94. Ans. A.	124. Ans. D.
5. Ans. A.	35. Ans. C.	65. Ans. A.	95. Ans. C.	125. Ans. A.
6. Ans. D.	36. Ans. C.	66. Ans. C.	96. Ans. B.	126. Ans. D.
7. Ans. C.	37. Ans. C.	67. Ans. C.	97. Ans. B.	127. Ans. C.
8. Ans. B.	38. Ans. D.	68. Ans. A.	98. Ans. C.	128. Ans. B.
9. Ans. D.	39. Ans. B.	69. Ans. B.	99. Ans. B.	129. Ans. C.
10. Ans. D.	40. Ans. C.	70. Ans. A.	100. Ans. A.	130. Ans. A.
11. Ans. C.	41. Ans. A.	71. Ans. C.	101. Ans. C.	131. Ans. D.
12. Ans. A.	42. Ans. D.	72. Ans. D.	102. Ans. D.	132. Ans. B.
13. Ans. A.	43. Ans. C.	73. Ans. A.	103. Ans. B.	133. Ans. C.
14. Ans. C.	44. Ans. A.	74. Ans. C.	104. Ans. C.	134. Ans. B.
15. Ans. D.	45. Ans. A.	75. Ans. A.	105. Ans. C.	135. Ans. D.
16. Ans. B.	46. Ans. C.	76. Ans. A.	106. Ans. C.	136. Ans. B.



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17. Ans. C.	47. Ans. D.	77. Ans. D.	107. Ans. A.	137. Ans. D.
18. Ans. A.	48. Ans. D.	78. Ans. A.	108. Ans. D.	138. Ans. C.
19. Ans. C.	49. Ans. A.	79. Ans. C.	109. Ans. C.	139. Ans. C.
20. Ans. B.	50. Ans. C.	80. Ans. A.	110. Ans. A.	140. Ans. B.
21. Ans. A.	51. Ans. B.	81. Ans. D.	111. Ans. A.	141. Ans. D.
22. Ans. D.	52. Ans. A.	82. Ans. A.	112. Ans. C.	142. Ans. B.
23. Ans. B.	53. Ans. C.	83. Ans. B.	113. Ans. B.	143. Ans. A.
24. Ans. D.	54. Ans. C.	84. Ans. A.	114. Ans. A.	144. Ans. D.
25. Ans. B.	55. Ans. C.	85. Ans. B.	115. Ans. B.	145. Ans. C.
26. Ans. A.	56. Ans. B.	86. Ans. C.	116. Ans. C.	146. Ans. B.
27. Ans. C.	57. Ans. D.	87. Ans. A.	117. Ans. B.	147. Ans. A.
28. Ans. C.	58. Ans. C.	88. Ans. C.	118. Ans. A.	148. Ans. B.
29. Ans. A.	59. Ans. C.	89. Ans. D.	119. Ans. B.	149. Ans. C.
30. Ans. D.	60. Ans. A.	90. Ans. D.	120. Ans. C.	150. Ans. A.

