

MAY - 2024



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1. Recently, which organization has sanctioned a study on the impact evaluation of Geographical Indication (GI) products?

- A. SIDBI
- B. FSSAI
- C. NABARD
- D. ISRO



- ✓ The National Bank for Agriculture and Rural Development (NABARD) recently sanctioned a study on the impact evaluation of Geographical Indication (GI) products to Symbiosis School of Economics. A GI is a sign used on products that have a specific geographical origin and possess qualities or a reputation that are due to that origin. The protection of intellectual property through laws will help to reap benefits in terms of economic growth, employment and income generation.

2. What is 'K2-18B'?

- A. Exoplanet
- B. Black hole
- C. Asteroid
- D. Submarine



- ✓ Preliminary data from NASA's James Webb Space Telescope (JWST) suggests a more than 50% likelihood of dimethyl sulfide (DMS) gas on the exoplanet K2-18b. However, further analysis is required before a definitive conclusion can be reached. DMS is a gas that is only produced by living beings on Earth, primarily by phytoplankton in marine environments. The presence of DMS in K2-18b's atmosphere could be a groundbreaking discovery, as the planet is believed to be ocean-covered and 2.6 times larger than Earth. K2-18b, discovered in 2015, is a super Earth exoplanet orbiting an M-type star.

3. Recently, which organization has been granted 'navratna' status by the Department of Public Enterprises?

- A. BHEL
- B. HAL
- C. HMTL
- D. IREDA



- ✓ The Department of Public Enterprises has bestowed Navratna status upon the Indian Renewable Energy Development Agency Limited (IREDA). Established in 1987 under the Ministry of New and Renewable Energy, IREDA functions as a Non-Banking Financial Institution.

- ✓ The Navratna status is awarded based on specific criteria including consistent high performance, such as achieving 'excellent' or 'very good' ratings in MoUs for three out of the last five years and a composite score of 60 or above in selected performance indicators.

4. According to National Council of Applied Economic Research (NCAER), what is the predicted growth rate of Indian economy in 2024-25?

- A. 6%
- B. 7%
- C. 8%
- D. 8.5%



- ✓ The National Council of Applied Economic Research predicts India's economy to surpass 7% growth this fiscal year, citing global growth, trade acceleration, and a promising monsoon. The IMF has raised India's growth forecast for 2024-25 to 6.8%, up from 6.5%. Government data reveals a 7.6% growth in FY24.

5. Financial Intelligence Unit is a specialized agency comes under which ministry?

- A. Ministry of Defence
- B. Ministry of Power
- C. Ministry of Finance
- D. Ministry of Urban Development



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MINISTRY OF
FINANCE

- ✓ The Financial Intelligence Unit (FIU), established in 2004 under the Ministry of Finance recently issued alert indicators under the Prevention of Money Laundering Act (PMLA) for various sectors, including capital markets, insurance, online payment gateways, and cryptocurrency services. It analyzes suspicious financial transactions to combat money laundering and terrorism financing. Organizations like banks, stockbrokers, and insurance companies are mandated to register with FIU-IND as reporting entities under PMLA.

6. Which organization recently released the Indian Space Situational Assessment Report (ISSAR), 2023?

- A. DRDO
- B. ISRO
- C. CSIR
- D. ICAR



- ✓ ISRO released the Indian Space Situational Assessment Report (ISSAR) highlighting a rise in space object population. ISRO System for Safe and Sustainable Space Operations Management (IS4OM), operational since 2022, ensures ISRO's space asset safety. Globally, 3143 objects were launched in space. India launched 127 satellites by 2023 and successfully conducted seven ISRO missions, including Chandrayaan-3 and Aditya L-1.

7. Which organization recently launched the 'Inflation Expectations Survey of Households' and 'Consumer Confidence Survey'?

- A. Reserve Bank of India
- B. Indian Economic Trade Organization
- C. Ministry of Finance
- D. Institute of Economic Growth



- ✓ **The Reserve Bank of India (RBI) launched the 'Inflation Expectations Survey of Households' and 'Consumer Confidence Survey' to inform its bi-monthly monetary policy decisions. The former gathers subjective assessments on price movements from 19 cities, collecting both qualitative and quantitative data on inflation expectations. The latter seeks qualitative responses on economic conditions, employment, prices, income, and spending, also spanning 19 cities. These surveys aim to provide crucial insights for RBI's policy formulation.**

8. Which ministry recently signed an MoU with Shakti Sustainable Energy Foundation for knowledge support on critical minerals?

- A. Ministry of Mines
- B. Ministry of Finance
- C. Ministry of Earth Sciences
- D. Ministry of Agriculture



खान मंत्रालय
MINISTRY OF
MINES

- ✓ **The Ministry of Mines and Shakti Sustainable Energy Foundation signed an MoU to enhance knowledge support for critical minerals crucial to India's economic growth, national security, and low-carbon energy transition. The agreement was inked during the 'Critical Minerals Summit' at the India Habitat Centre, New Delhi, emphasizing the importance of beneficiation and processing capabilities.**

9. Recently, who has been re-inducted into the Target Olympic Podium Scheme (TOPS) core group ahead of the Paris Games?

- A. Pooja Khanna
- B. Deepika Kumari
- C. Gagandeep Kaur
- D. Muskan Kirar



- ✓ **Former world number one archer Deepika Kumari re-inducted into the Target Olympic Podium Scheme (TOPS) core group for Paris Games. TOPS, initiated by the Ministry of Youth Affairs and Sports in 2014 (revamped in 2018), aims to enhance India's Olympic and Paralympic performance. Funded by the National Sports Development Fund (NSDF) and Khelo India scheme, it identifies elite athletes through the TOPS Elite Athletes' Identification Committee and provides targeted training via the Mission Olympic Cell (MOC).**

10. SMART (Supersonic Missile Assisted Release of Torpedo) system is developed by which organization?

- A. ISRO
- B. DRDO
- C. CSIR
- D. NDMA



- ✓ The Defence Research and Development Organisation (DRDO) conducted a successful test of the Supersonic Missile-Assisted Release of Torpedo (SMART) system on May 1, 2024, from Dr APJ Abdul Kalam Island, Odisha coast. The test validated advanced mechanisms like symmetric separation and velocity control. Defence Minister Rajnath Singh and DRDO chief Dr Samir V Kamat praised the SMART team. SMART is a next-gen lightweight torpedo delivery system boosting Indian Navy's anti-submarine capabilities.

11. What is the theme of 'International Labour Day 2024'?

- A. Ensuring safety and health at work in a changing climate
- B. All labor that uplifts humanity has dignity and importance
- C. Universal Social Protection to End Child Labor
- D. Resilient Recovery



- ✓ Every year, May 1st marks International Labour Day, celebrated worldwide, including in India, to honor the contributions of the labor movement. Originating from the 1886 Chicago labor strike demanding an eight-hour workday, it gained significance after the Haymarket incident. In 1889, leaders from twenty nations established it as International Labour Day. The 2024 theme focuses on workplace safety and health amidst climate change, emphasizing ongoing challenges faced by workers globally.

12. Recently, which Indian company recently signed an MoU with Norwegian firm to implement floating solar power technology in India?

- A. NTPC Ltd
- B. NHPC Ltd
- C. SJVN
- D. NEEPCO



- ✓ NHPC Limited, India's premier hydropower developer, has inked a Memorandum of Understanding with Ocean Sun, a Norwegian tech firm specializing in floating solar solutions. The agreement aims to explore joint ventures in deploying Ocean Sun's innovative floating solar technology, utilizing hydro-elastic membranes. NHPC's commitment to sustainable development and renewable energy expansion is reinforced through this partnership, aligning with its portfolio diversification into solar, wind, and green hydrogen projects.

13. What is 'Peucetia chhaparajnrvin'?

- A. Newly discovered green lynx spider
- B. Traditional Irrigation Technique
- C. Invasive weed
- D. Submarine



- ✓ **Daryapur arachnologist unveils Peucetia chhaparajnrvin, a new green lynx spider species. Found in Tal Chhapar Wildlife Sanctuary, Rajasthan, it's named after the locale. Typically dwelling on Vachellia nilotica leaves, its green hue aids camouflage for ambushing prey. With swift legs, it hunts nocturnally, feasting on small insects.**

14. India will host the 2025 BWF World Junior Championships in which city?

- A. Chennai
- B. Guwahati
- C. Bengaluru
- D. Gangtok



- ✓ **India will host the BWF World Junior Championships 2025 at the National Centre of Excellence in Guwahati, as announced by the Badminton World Federation (BWF). It marks India's first hosting since 2008, when Pune held the event. The specific dates for the 2025 edition will be disclosed later.**

15. Recently, India has agreed to train the civil service personnel of which country from 2025-30?

- A. Myanmar
- B. Bangladesh
- C. Bhutan
- D. Nepal



- ✓ **The Indian government renews an agreement with Bangladesh to train 1500 Bangladeshi officers from 2025 to 2030. Signed by DARPG India and Bangladeshi Ministry of Public Administration, the pact emphasizes mid-career capacity-building for Bangladesh Civil Servants. During a 3-day visit (28-30 April 2024), led by V. Srinivas, Secretary, DARPG, the agreement was finalized, focusing on field administration programs.**

16. Pattachitra paintings are associated with which states?

- A. Bihar & Jharkhand
- B. Odisha & West Bengal
- C. Madhya Pradesh & Rajasthan
- D. Karnataka & Kerala



- ✓ In West Bengal, Swarna Chitrakar is a revered figure among the village's patuas (scroll painters). The PM recently lauded Odisha's Bhagyashree Sahu, another pattachitra artist, on his show Mann ki Baat. Pattachitra, a traditional cloth-based scroll painting, originates from Odisha and West Bengal, dating back to the 12th century. Patuas depict daily life scenes, accompanied by songs.

17. Which state recently launched a digital water distribution system for agricultural fields?

- A. Gujarat
- B. Rajasthan
- C. Maharashtra
- D. Kerala



- ✓ Rajasthan introduced a digital water distribution system for agriculture, employing "Barabandi," a fixed turn method for canal water distribution. The new online "barabandi" system, developed by NIC Jaipur, allows scheduled irrigation supply accessible remotely. Farmers can track water flow to their fields, reducing manual errors. This innovation aims to optimize water usage and enhance agricultural efficiency in Rajasthan.

18. Expanded Programme on Immunization (EPI), which has recently completed 50 years, was launched by which organization?

- A. WHO
- B. WMO
- C. ILO
- D. UNICEF



- ✓ The Expanded Programme on Immunization (EPI) marks its 50th anniversary, initiated by WHO in 1974. Renamed UIP in India in 1985, it now offers vaccines for 13 universally recommended diseases and 17 context-specific ones. Global DPT coverage surged from 5% in the '70s to 84% in 2022. Smallpox eradicated; polio remains in Afghanistan & Pakistan. In India, coverage grows yearly, reaching 76% in 2019-21.

19. Recently, which country has launched a new currency 'ZiG'?

- A. Rwanda
- B. Zimbabwe
- C. Somalia
- D. Botswana



- ✓ Zimbabwe introduces the ZiG currency, aiming to stabilize its economy. The ZiG, backed by gold reserves, replaces the depreciated Zimbabwe dollar. Initially launched electronically, physical banknotes and coins are now in circulation. Despite efforts to restore faith, skepticism persists, with some government departments refusing to accept the new currency. This move reflects ongoing struggles to address Zimbabwe's enduring economic challenges.

20. Kankesanthurai Port is located in which country?

- A. Sri Lanka
- B. Myanmar
- C. Malaysia
- D. India



- ✓ Sri Lanka's Cabinet approves renovation of Kankesanthurai Port, funded entirely by India. The port, located in the Northern Province, spans about 16 acres and is 104 km from Karaikal Port in Puducherry, India. The decision underscores efforts to enhance connectivity and infrastructure in the region. Additionally, a direct passenger ship service links Nagapattinam in Tamil Nadu to Kankesanthurai.

21. Which country is the host of the 46th Antarctic Treaty Consultative Meeting (ATCM 46) and the 26th Meeting of the Committee for Environmental Protection (CEP 26)?

- A. Argentina
- B. India
- C. Norway
- D. Chile



- ✓ India will host the 46th Antarctic Treaty Consultative Meeting (ATCM 46) and the 26th Meeting of the Committee for Environmental Protection (CEP 26) in Kochi, Kerala, from May 20 to 30. Organized by the Ministry of Earth Sciences through the National Centre for Polar and Ocean Research these meetings aim to foster global discussions on Antarctica's environmental conservation and scientific collaboration. India, a Consultative Party since 1983, operates two research stations and enacted the Antarctic Act in 2022.

22. Recently, India has initiated Project ISHAN (Indian Single Sky Harmonized Air Traffic Management) in which city?

- A. Indore, Madhya Pradesh
- B. Nagpur, Maharashtra
- C. Varanasi, Uttar Pradesh
- D. Jaipur, Rajasthan



- ✓ India has initiated Project ISHAN (Indian Single Sky Harmonized Air Traffic Management) in Nagpur, Maharashtra. The project aims to streamline air traffic management (ATM) by consolidating India's four Flight Information Regions (FIRs) into a single system overseen from Nagpur. India's airspace is currently divided into four FIRs and a sub-FIR at Guwahati. The FIRs are controlled by India through Delhi, Mumbai, Kolkata, and Chennai, with a sub-FIR at Guwahati. India also shares its FIRs with 12 neighboring countries.

23. Recently, which intergovernmental organization has formed a panel specifically focused on critical energy transition minerals?

- A. United Nations B. World Health Organisation
C. World Bank D. World Trade Organisation



- ✓ The UN has formed a panel to address critical energy transition minerals, primarily sourced from underdeveloped nations like those in Africa. This initiative aims to curb resource nationalism and environmental damage caused by high demand for these minerals.
- ✓ The panel's goal is to establish global principles for a smoother transition to renewable energies, aligned with sustainable development goals and climate agreements. It emphasizes equitable benefits for communities and environmental protection.

24. Recently, the Indian Army and the Punit Balan Group collaborated to open the India's first Constitution Park in which city?

- A. Ahmedabad
B. Pune
C. Jaipur
D. Varanasi



- ✓ The Indian Army and the Punit Balan Group joined hands to inaugurate Pune's inaugural Constitution Park. Lt. Gen. Ajai Kumar Singh led the ceremony, stressing citizens' constitutional duties for India's progress by 2047. He highlighted the global importance of the Indian Constitution, which secures Fundamental Rights and underscores Fundamental Duties. Understanding these rights and responsibilities is pivotal for India's development.

IMPORTANT LINKS

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1. What is 'Antares'?

- A. Submarine
- B. AI tool
- C. Red supergiant star
- D. Invasive plant



- ✓ **The Bengaluru-based Indian Institute of Astrophysics (IIA) recorded the moon passing in front of Antares, a massive red supergiant star in Scorpius constellation. Antares, 10,000 times brighter than the Sun, is 700 times its diameter and lies 600 light-years away. Despite its size, Antares has low density and temperature, around 6,100°F (3,400°C), giving it a ruddy color.**

2. According to Invest India report, India's e-commerce market is expected to grow to \$325 billion by which year?

- A. 2025
- B. 2027
- C. 2030
- D. 2040

2030

- ✓ **Invest India projects India's e-commerce to reach \$325 billion by 2030, driven by 500 million consumers and widespread internet access. It anticipates India becoming the 3rd largest online retail market by 2030. The agency, under the Ministry of Commerce and Industry, revealed in 2022, e-commerce was worth \$70 billion, constituting 7% of retail.**

3. Recently, which organization has advised all states and UTs to "completely prohibit" all harmful sharp threads or "manjha"?

- A. National Green Tribunal
- B. Animal Welfare Board of India
- C. National Afforestation and Eco-Development Board
- D. Ministry of Environment, Forest and Climate Change



- ✓ **The Animal Welfare Board of India (AWBI) has urged states and UTs to fully prohibit harmful sharp threads or "manjha." The Delhi High Court instructed the Delhi government to establish a policy for compensating victims of accidents caused by Chinese manjha. In 2017, the NGT mandated a complete ban on manjha.**
- ✓ **AWBI, a statutory advisory body founded under the Prevention of Cruelty to Animals Act of 1960, operates from Ballabgarh, Faridabad, Haryana.**

4. Ajrakh textile craft is mainly associated with which state?

- A. Rajasthan
- B. Gujarat
- C. Madhya Pradesh
- D. Kerala



- ✓ **The Controller General of Patents, Designs, and Trademarks awarded the Geographical Indication certificate to 'Kutch Ajrakh' artisans from Gujarat. Ajrakh, a textile craft deeply rooted in Gujarat's culture, especially in Kutch, Sindh, and Barmer, involves intricate hand-block printing on cotton cloth. Its name derives from 'Azrak', meaning indigo, a key dye used.**

5. Which day is celebrated as 'World Tuna Day' every year?

- A. May.01
- B. May.02
- C. May.03
- D. May.04



- ✓ **World Tuna Day, celebrated annually on May 2nd, highlights the decline in global tuna stocks and the necessity of enforcing international regulations for their preservation. Tuna, vital for both developed and developing nations, faces threats from overfishing. The day emphasizes sustainable fishing practices, reducing bycatch, and promoting international cooperation to ensure future tuna supplies. It serves as a crucial reminder of the urgent need to address the challenges confronting the tuna industry globally.**

6. Recently, who has been awarded the title of Grandmaster by FIDE, the International Chess Federation?

- A. Vaishali Ramesh Babu
- B. Surya Sekhar Ganguly
- C. Savitha Shri Baskar
- D. Tania Sachdev



- ✓ **Indian Chess Prodigy Vaishali Ramesh Babu, awarded Grandmaster by FIDE, highlighted India's rising prominence in chess. Vaishali became India's third female Grandmaster after Humpy and Dronavalli. She achieved the 2500 ELO points at the Llobregat Open, with FIDE formally granting her the title at the recent Candidates Tournament in Toronto.**

7. Recently, which city is constructing the world's largest airport, Al Maktoum International Airport?

- A. Mumbai
- B. Dubai
- C. London
- D. New York



- ✓ Dubai is developing the world's largest airport, Al Maktoum International Airport, under Sheikh Mohammed bin Rashid Al Maktoum's leadership. With a capacity for 260 million passengers annually, it will feature 400 terminal gates and five parallel runways. Beyond transportation, it aims to integrate into urban life, commerce, and global trade.

8. Bhimtal Lake, recently seen in news due to forest fires, is located in which state?

- A. Gujarat
- B. Uttarakhand
- C. Kerala
- D. Punjab



- ✓ Recently, an Indian Air Force (IAF) helicopter collected water from Bhimtal Lake in Nainital, Uttarakhand to help control a nearby forest fire. The Indian Army and the IAF were called in to help control the blaze, with MI-17 choppers lifting water from the lake for firefighting efforts. Bhimtal Lake, Uttarakhand's largest lake in the Nainital district, is a centerpiece of the Kumaon region, dubbed India's "lake district." Named after the Mahabharata's Bhima, it formed naturally due to Earth's crust shifts.

9. What is the theme of 'World Press Freedom Day 2024'?

- A. A Press for the Planet: Journalism in the Face of the Environmental Crisis
- B. Shaping a Future of Rights
- C. Journalism under Digital Siege
- D. Information as Public Good



- ✓ World Press Freedom Day, observed annually on May 3, 2024, focuses on "A Press for the Planet: Journalism in the Face of the Environmental Crisis." Emphasizing journalism's role in addressing global environmental issues, it highlights the importance of a free press in informing the public and holding decision-makers accountable. Proclaimed by the UN General Assembly in 1993, it commemorates the Declaration of Windhoek, promoting press freedom globally.

10. According to IQAir, which city has recently been ranked as the most polluted city globally?

- A. Kathmandu
- B. New Delhi
- C. Pokhara
- D. Hyderabad



- ✓ According to IQAir, Kathmandu is the most polluted city in the world as of May 2, 2024. IQAir is a Swiss technology company that monitors the pollution levels of 101 cities in real time. The Ministry of Health and Population of Nepal has advised residents to wear masks due to the alarming increase in air pollution in the Kathmandu valley. In 2023, IQAir's World Air Quality report ranked India as the third most polluted country and New Delhi as the most polluted capital city.

11. Pension Department has recently launched an online portal for government retirees. what is the name of the portal?

- A. Abhyukt portal
- B. Vriddhi portal
- C. Bhavishya portal
- D. Vikas portal



- ✓ The Pension Department has launched an online portal called Bhavishya for tracking pension payments and sanctions for government retirees. The portal is integrated with the pension processing and payment services of five banks, including State Bank of India, Bank of Baroda, Punjab National Bank, and Canara Bank.

12. Recently, NPCI signed an agreement with which African country for UPI-like instant payment services?

- A. Namibia
- B. Tanzania
- C. Kenya
- D. Nigeria



- ✓ NPCI's overseas arm signed a pact with the Bank of Namibia to develop a UPI-like instant payment system for Namibia, leveraging India's UPI technology and experiences.
- ✓ The collaboration aims to modernize Namibia's financial ecosystem, enhancing accessibility, affordability, and connectivity with domestic and international payment networks. It also emphasizes interoperability, signaling a significant step towards improving financial inclusion and digital transactions in Namibia.

IMPORTANT LINKS

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1. Recently, where was the event titled “Localizing the SDGs: Women in Local Governance in India Lead the Way” organized?

- A. London
- B. Paris
- C. New York
- D. New Delhi



- ✓ On May 3, 2024, the Permanent Mission of India to the UN and the Ministry of Panchayati Raj, with UNFPA, host “Localizing the SDGs: Women in Local Governance in India Lead the Way” during CPD57 in New York. Elected women representatives, including Sabhadhipati Supriya Das Datta (Tripura), Sarpanch Kunuku Hema Kumari (Andhra), and Sarpanch Neeru Yadav (Rajasthan), led by Secretary Vivek Bharadwaj, will showcase Indian women’s grassroots leadership.

2. Recently, which Indian received the ‘Green Oscar’ Whitley Gold Award 2024?

- A. Tulsi Gowda
- B. Purnima Devi Barman
- C. Alice Garg
- D. Amrita Devi



- ✓ Dr Purnima Devi Barman, an Assamese wildlife biologist, clinched her second Whitley Gold Award, also known as the Green Oscar, for safeguarding the endangered Hargila or Greater Adjutant Stork and its wetland home. She previously won in 2017. Princess Anne, the charity’s patron, presented her the trophy in London. Dr Barman mobilized locals to protect the stork and its habitat, increasing their population from 450 to over 1800.

3. According to recently released OECD report, what is the expected growth rate of India’s economy in 2024-25?

- A. 5.5%
- B. 6.6%
- C. 7.2%
- D. 7.8%



- ✓ The OECD’s “Economic Outlook” report, released on May 2, 2024, raised India’s economic growth forecast for 2024-25 to 6.6%, up from 6.2%. It also projects a 6.6% growth rate for 2025-26. The OECD joins other institutions in revising India’s growth prospects.
- ✓ The report attributes India’s accelerated growth to increased public investment and business confidence. It emphasizes the need for the government to address indebtedness through revenue growth, spending efficiency, and fiscal rules.

4. Recently, Geological Survey of India (GSI) explorers discovered ancient fossils in which hills of Meghalaya?

- A. South Garo Hills
- B. East Khasi Hills
- C. West Khasi Hills
- D. Jaintia Hills



- ✓ Geological Survey of India (GSI) explorers discovered ancient fossils, estimated at 35-40 million years old, in Tolegre, South Garo Hills, Meghalaya. Garo Hills, part of Meghalaya State, lies in the Meghalaya subtropical forests eco-region near the Indo-Bangladesh border. The Patkai hill range, extending into Myanmar, encompasses Garo Hills, known for heavy rainfall.

5. What is 'Batillipes chandrayaani'?

- A. Marine Tardigrade Species
- B. Invasive plant
- C. Naval Ship
- D. Exoplanet



- ✓ Researchers from Cochin University of Science and Technology (Cusat) discovered a new marine tardigrade species, Batillipes chandrayaani, on Tamil Nadu's southeast coast, named after Chandrayaan-3. Found in Mandapam's intertidal beach sediments, it measures 0.15mm in length and 0.04mm in width. Sporting a trapezoid-shaped head and four pairs of legs with sharp-tipped sensory spines, both sexes share similar morphology. It's the 39th species under the genus Batillipes. Tardigrades, dubbed "water bears," are resilient micro-animals.

6. Recently, which institution released the 'Aging well in Asia: Asian Development Policy Report'?

- A. World Bank
- B. Asian Development Bank
- C. European Investment Bank
- D. African Development Bank



- ✓ The Asian Development Bank's report on Aging well in Asia highlights four vital aspects of older persons' well-being: health, productive work, economic security, and social engagement. It reveals that developing Asia faces rapid aging, with the older population set to almost double to 25.2% by 2050.

7. Sri Madhava Perumal Temple is located in which state?

- A. Tamil Nadu
- B. Maharashtra
- C. Andhra Pradesh
- D. Karnataka



- ✓ **The Sri Madhava Perumal Temple reveals a historic trade route from over 1,000 years ago. Submerged in the Bhavanisagar dam, lowered water levels now unveil the temple in Erode district, Tamil Nadu. Hoysala King Veera Ballala III appointed Madhava Perumal Dhandanayaka to govern, who constructed the Dhandanayaka Fort 680 years ago. His son, Veera Siddha Keththaya Dhandanayaka, built the temple within. Later ruled by Vijayanagara Empire, Ummattur chiefs, and Tipu Sultan, the fort witnessed the Battle of Sathyamangalam in 1790.**

8. What is the purpose of the MoU recently signed between RailTel Corporation of India and the tech firm?

- A. To explore and deliver KAVACH implementation projects in India and other countries
- B. To develop a new version of KAVACH
- C. To develop a new railway lines
- D. To manufacture train engines



- ✓ **RailTel Corporation of India has partnered with a tech firm to implement KAVACH, an indigenous Automatic Train Protection System, in India and abroad. Developed by RDSO in collaboration with the Indian industry, KAVACH operates at Safety Integrity Level - 4 with a remarkably low error probability. Its features include centralized train movement monitoring, automatic overspeed prevention, and SOS message relaying.**

9. Which organization of India recently organized #PlayTrue Campaign to create awareness about clean sports?

- A. National Anti-Doping Agency
- B. National Sports Federation
- C. Ministry of Youth Affairs and Sports
- D. National Sports Organisation



- ✓ **National Anti-Doping Agency (NADA) India recently concluded up its #PlayTrue Campaign, drawing over 12,133 participants nationwide. The campaign aimed to raise awareness about clean sports and anti-doping practices. It showcased NADA's dedication to educating athletes, coaches, and sports enthusiasts on anti-doping regulations.**
- ✓ **Through various activities like quizzes and awareness sessions, NADA encouraged fair play and integrity in sports, aligning with World Anti-Doping Agency (WADA's) vision.**

10. Recently, which state launched the 'Nakshatra Sabha', India's first astro tourism campaign?

- A. Uttarakhand
- B. Haryana
- C. Himachal Pradesh
- D. Rajasthan



- ✓ **The Uttarakhand Tourism Development Board and Starscapes have collaborated to introduce Nakshatra Sabha, an Astro Tourism venture. Beyond star-gazing, it offers solar observations, astrophotography contests, and camping. Aimed at astronomy enthusiasts and adventurers, it aims to merge cosmic wonders with Uttarakhand's natural beauty.**

11. Which state did the Supreme Court recently order to halt illegal mining in the Aravalli range?

- A. Rajasthan
- B. Gujarat
- C. Haryana
- D. Maharashtra



- ✓ **The Supreme Court ordered an end to illegal mining in the Aravalli Range in Rajasthan. Stretching 692 kilometers across Gujarat, Rajasthan, and Haryana, the Aravallis are India's oldest mountain range, vital for ecology and hydrology. They prevent desertification, regulate climate, and support diverse ecosystems and rivers like Sabarmati and Luni.**

12. Saksham Valley is a territorial dispute between which two countries?

- A. India & Bhutan
- B. India & Pakistan
- C. India & Nepal
- D. India & China



- ✓ **India protests China's construction in Saksham Valley, deemed illegal. The valley is part of Pakistan-Occupied Kashmir. It is a disputed territory claimed by India but controlled by Pakistan and ceded to China in 1963 by Pakistan. Article 6 of the agreement stipulates renegotiation after Kashmir dispute settlement. It borders Xinjiang, POK, and Siachen Glacier. The Karakoram highway, built in the 1970s, resulted from the agreement between China and Pakistan.**

13. Which country recently launched the Chang'e 6 probe to bring back soil from the dark side of the moon?

- A. China
- B. Russia
- C. India
- D. Japan



- ✓ China launched the Chang'e-6 probe to gather samples from the Moon's far side, aiming to be the first nation to do so. Previously, only the USA and USSR collected lunar samples, all from the near side. China's Chang'e 4 landed on the far side in 2019 but didn't retrieve samples. In 2023, India's Chandrayaan-3 mission achieved a first by landing near the Moon's South Pole.

14. India recently agreed to enhance cooperation in energy and local currency settlement with which African country?

- A. Kenya
- B. Tanzania
- C. Senegal
- D. Nigeria



- ✓ India and Nigeria agreed to expedite the Local Currency Settlement System Agreement, aiming to enhance bilateral trade. Trade settlements will occur in Indian rupees and Nigerian naira. The decision was reached during the 2nd India-Nigeria Joint Trade Committee session in Abuja. Led by Amardeep Singh Bhatia, the Indian delegation included representatives from the RBI, EXIM Bank, and NPCI. The meeting, held from April 29 to 30, 2024, outlined areas for trade enhancement.

15. Bhadra Tiger Reserve is located in which state?

- A. Kerala
- B. Karnataka
- C. Gujarat
- D. Maharashtra



- ✓ The Bhadra Tiger Reserve, located in Karnataka's Western Ghats, has seen a surge in safari visitors. Tourists must tread carefully in this eco-sensitive zone. The reserve, declared India's 25th Tiger Reserve in 1998, houses a significant tiger population alongside elephants and diverse fauna. Other Karnataka state tiger reserves include Bandipur, Nagarhole, Dandeli-Anshi, and Biligiriranga.

16. Recently, where was the 7th India-Indonesia Joint Defence Cooperation Committee meeting held?

- A. New Delhi
- B. Jakarta
- C. Chennai
- D. Hyderabad



- ✓ India and Indonesia recently held their seventh Joint Defence Cooperation Committee meeting in New Delhi, focusing on expanding collaboration in defence industry, maritime security, and multilateral cooperation.

- ✓ Both nations expressed satisfaction with the growing scope of defence cooperation. The meeting emphasized defence industry collaboration involving firms like Bharat Forge and Mahindra Defence. They stressed maritime security cooperation and highlighted Indonesia's role in India's Act East Policy.

17. What is the rank of India in the World Press Freedom Index 2024?

- A. 158
- B. 159
- C. 160
- D. 161



- ✓ India's World Press Freedom Index score declined from 36.62 to 31.28 in 2024, as per Reporters Without Borders. This annual report assesses journalism freedoms across 180 nations. India's rank improved from 161 to 159 due to others' decline. However, India lags behind Turkey, Pakistan, and Sri Lanka. Despite a slight improvement in security, scores fell across other indicators, signaling challenges to press independence.

18. Recently, India and the Netherlands organized which round of foreign consultations in The Hague?

- A. 11th
- B. 12th
- C. 13th
- D. 14th



- ✓ India and the Netherlands held the 12th round of Foreign Office Consultations (FOC) in The Hague on May 2, 2024. The consultations were led by Shri Pavan Kapoor, Secretary (West), Ministry of External Affairs, Government of India.
- ✓ The meeting was a chance to evaluate progress since the last FOC in New Delhi in December 2022. During the meeting, India and the Netherlands agreed to strengthen their bilateral ties by focusing on new technologies like green hydrogen and semiconductors.

19. Recently, who has been appointed as President of Goods & Services Tax Appellate Tribunal (GSTAT)?

- A. O P Choudhary
- B. Pankaj Chaudhary
- C. Sanjaya Kumar Mishra
- D. Ajay Bhushan Pandey



- ✓ Retired Justice Sanjaya Kumar Mishra appointed as President of GSTAT, the Second Appellate Authority under the Central GST Act, 2017. GSTAT hears appeals against orders from the Appellate Authority under CGST Act, 2017 and State GST Acts, ensuring dispute resolution uniformity.

- ✓ GSTAT comprises a Principal Bench in New Delhi, led by the President and two Technical Members (one from Centre, one from State), along with several State Benches.

20. Lakshya Aircraft is designed and built by which organization?

- A. DRDO
- B. ISRO
- C. CSIR
- D. HAL



- ✓ The Aeronautical Development Establishment, a Bengaluru-based Defence Research and Development Organisation (DRDO) lab, creator of Lakshya aircraft, is under CBI scrutiny. Lakshya, a micro-light, pilot-less aircraft, was developed by ADE for Indian Armed Forces, inducted in 2000 (IAF), 2001 (IN), and 2003 (IA). Cost-effective, reusable, with HAL-manufactured engine, it can launch from land or sea.

21. How much has the fossil fuel capacity in India increased during FY24?

- A. 1.65%
- B. 2.44%
- C. 3.50%
- D. 3.80%



- ✓ In FY24, the country's fossil fuel-based power capacity increased by 2.44% to 243.22 GW from March 2023's 237.27 GW. Non-fossil fuel capacity increased by 10.79%, reaching 190.57 GW in 2023-24 compared to 172.01 GW in 2022-23. This includes solar, wind, and hydropower. Nuclear power capacity grew to 8.18 GW from 6.78 GW, marking a 20.64% yearly increase.

22. Recently, who has been appointed as Secretary at Director level in the National Jute Board, Kolkata, under the Ministry of Textiles?

- A. Ajay Kumar
- B. Shashi Bhushan Singh
- C. Rajeev Saxena
- D. Arvind Kumar



- ✓ Shashi Bhushan Singh, an Indian Railway Traffic Service officer, has been appointed as Secretary (Director level) of the National Jute Board in Kolkata by the Central Government. The appointment is for 5 years or until further notice. Established under the National Jute Board Act, 2008, the NJB began operations on April 1, 2010, consolidating the Jute Manufactures Development Council and the National Centre for Jute Diversification.

23. Paliyar Tribe is related to which state?

- A. Tamil Nadu
- B. Kerala
- C. Karnataka
- D. Andhra Pradesh



- ✓ Recent research on Paliyar Tribals in Kodaikanal and Theni areas urges immediate government action for their upliftment. Derived from "Palaniyan" in Tamil, they're also known as Paliyans, Pazhaiyares, and Panaiyars. Distributed in Tamil Nadu districts, they speak Tamil and traditionally hunted and gathered. They worship Vanadevadai and Karuppan. They bury their dead on the western side of their residential area, avoiding cremation.

24. Recently, where was the 26th ASEAN-Indian Senior Officials' meeting held?

- A. New Delhi
- B. Jaipur
- C. Chennai
- D. Hyderabad



- ✓ The 26th ASEAN-India Senior Officials' Meeting in New Delhi, co-chaired by Jaideep Mazumdar and Albert Chua, reviewed ASEAN-India relations, focusing on political-security, economic, and socio-cultural engagement. They discussed implementing the Prime Ministers' 12-Point Proposal to strengthen the ASEAN-India Comprehensive Strategic Partnership. Preparation for the upcoming ASEAN-India Summit in Vientiane, Laos, was also discussed.

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1. What is 'MQ-9B Predator'?

- A. A technique used to remove pest from crop
- B. High Altitude Unmanned Aerial Vehicle
- C. Nuclear Ballistic Submarine
- D. Earth Observation Satellite



- ✓ **India will acquire MQ-9B Predator drones from the US, deploying them in Tamil Nadu and Uttar Pradesh. Developed by General Atomics Aeronautical Systems, it's a high-altitude, long-endurance armed UAV. Used by the US for surveillance and airstrikes, it has two variants: SkyGuardian and SeaGuardian.**

2. Recently, which country clinched Men's AFC U-23 Asian Cup 2024 by defeating Uzbekistan?

- A. China
- B. Indonesia
- C. Japan
- D. Kazakhstan



- ✓ **Japan secured their second Men's AFC U-23 Asian Cup title by defeating Uzbekistan in the final match held in Doha, Qatar. The solitary goal scored by substitute Yamada, secured Japan's victory and a spot in the 2024 Paris Olympics. The Japanese goalkeeper's crucial penalty saves ensured their win. Iraq claimed the bronze medal after defeating Indonesia in the semifinals.**

3. Recently, which country's men's team won 11th Thomas Cup by defeating Indonesia?

- A. China
- B. Malaysia
- C. India
- D. Vietnam



- ✓ **The 2024 BWF Thomas and Uber Cup, held in Chengdu, China, saw the Chinese badminton team's dominance, winning both men's and women's titles. In the Thomas Cup, China beat Indonesia 4-1, claiming their 11th victory. India, defending champions, lost to China in the quarterfinals. China's victory marks the first time since 2012 that one nation has clinched both titles at the world team championships.**

4. Recently, which organization has released the norms, guidelines and procedures for the implementation of Indian Space Policy, 2023?

- A. CSIR
- B. DRDO
- C. ICAR
- D. IN-SPACe



- ✓ IN-SPACE has released norms, guidelines, and procedures (NGP) for Indian Space Policy, 2023, enhancing regulatory predictability and ease of business. It covers Authorization for space activities within Indian territory and jurisdiction, including launch, operation, and re-entry of space objects. Only Indian entities can seek Authorization, while non-Indian entities can apply through Indian counterparts. The NGP outlines criteria and conditions for Authorization, ensuring transparency and compliance with regulations in the Indian space sector.

5. Tadoba-Andhari Tiger Reserve is located in which state?

- A. Telangana
B. Maharashtra
C. Kerala
D. Karnataka



- ✓ The Maharashtra Forest department plans to move tigers from Tadoba-Andhari Tiger Reserve to Sahyadri Tiger Reserve, located in the Western Ghats. Formed in 2010, it includes Chandoli National Park and Koyna Wildlife Sanctuary. The reserve boasts unique undulating terrain with steep escarpments and barren rocky plateaus known as "Sadas." It hosts abundant climax and near-climax vegetation, with minimal human impact anticipated.

6. What is the projected percentage of milk production reduction in India by 2085, as per the Lancet report?

- A. 25%
B. 35%
C. 45%
D. 65%



- ✓ Rising temperatures in India could slash milk production by 25% by 2085, warns a Lancet report. India, the top global milk producer and consumer, faces severe livelihood and nutrition risks. The northern plains contribute 30% of India's milk, supported by 89 million smallholder farmers. Heat stress, measured by the Temperature Humidity Index (THI), reduces milk yield.

7. Central Drugs Standard Control Organisation (CDSCO) operates under which ministry?

- A. Ministry of Health & Family Welfare
B. Ministry of Home Affairs
C. Ministry of Women & Child Development
D. Ministry of Defence



स्वास्थ्य एवं
परिवार कल्याण मंत्रालय
MINISTRY OF
HEALTH AND
FAMILY WELFARE

- ✓ Starting May 15, 2024, the Central Drugs Standard Control Organisation (CDSCO) gains sole authority to issue manufacturing licenses for new drugs intended for export, sidelining state governments.

- ✓ All export-related No Objection Certificates (NOCs) must now be applied for through CDSCO zonal offices via the SUGAM Portal. Previously, state authorities handled this. The move aims to streamline exports and tackle delays identified by the Drug Consultative Committee (DCC).

8. Who have been named as laureates of the 2024 UNESCO/Guillermo Cano World Press Freedom Prize?

- A. Russian journalists
- B. Ukrainian journalists
- C. Palestinian journalists
- D. China journalists



- ✓ Palestinian journalists covering Gaza won the 2024 UNESCO/Guillermo Cano World Press Freedom Prize, recognizing their bravery in perilous conditions. The award ceremony held on 2 May during the World Press Freedom Conference in Santiago, Chile. Amid ongoing Gaza conflict, 26 journalists and media workers lost their lives since October 2023.

9. Which states are related with the dispute of Mullaperiyar Dam?

- A. Tamil Nadu & Kerala
- B. Tamil Nadu & Karnataka
- C. Kerala & Karnataka
- D. Karnataka & Andhra Pradesh



- ✓ Tamil Nadu accuses Kerala in Supreme Court of obstructing Mullaperiyar dam maintenance while raising safety concerns. Kerala allegedly delays routine maintenance for months to over a year.
- ✓ Tamil Nadu seeks court's intervention for completing strengthening works on smaller and main dams, requesting permission to cut fifteen trees. It criticizes Kerala for not cooperating despite supervisory committee's authority under Dam Safety Act, 2021. The dam, built in late 1800s, diverts Periyar river to Tamil Nadu.

10. What is the main objective of Indian National Center for Ocean Information Services (INCOIS)?

- A. To provide agricultural data and services
- B. To monitor and forecast weather patterns
- C. To provide ocean data, information, and advisory services
- D. To conduct research on space exploration



- ✓ INCOIS, established in 1999 under the Ministry of Earth Sciences, issues alerts to coastal states about rough seas, high waves, and inundation risks. It operates under ESSO, aiming to furnish oceanic data, information, and advisory services to various sectors.

- ✓ Its activities include round-the-clock monitoring and warning services for tsunamis, storm surges, and high waves, daily advisories for fisherfolk, and short-term ocean state forecasts. It also deploys Ocean Observing Systems to collect data and predict oceanic changes.

11. Border Road Organization (BRO), recently celebrated its 65th raising day, comes under which ministry?

- A. Ministry of Civil Aviation
- B. Ministry of Earth Sciences
- C. Ministry of Road Transport and Highways
- D. Ministry of Defence



- ✓ The Border Road Organisation (BRO) marked its 65th raising day on May 7, 2024, with a ceremony in New Delhi, led by Union Defence Secretary Giridhar Aramane. Established in 1960 by the Nehru government, BRO undertakes critical road projects for the Army. Notably, Project Tuskar, now Project Vartak, connects Bhalukpong to Tenga in Arunachal Pradesh, while Project Beacon focuses on Kashmir. Lt Gen Raghu Srinivasan currently heads BRO, operating under the Ministry of Defence with the motto: "In the Silence of Our Great Mountains – Work Speaks."

12. Pakistan recently launched its first-ever lunar mission, iCube-Qamar, in collaboration with which country?

- A. Russia
- B. India
- C. China
- D. Iran



- ✓ Pakistan and China jointly launched iCube-Qamar, Pakistan's inaugural lunar mission. The 7kg satellite, developed by Pakistan's Institute of Space Technology (IST), SUPARCO, and China's SJTU, is part of China's Chang'e-6 mission. Equipped with two optical cameras, it orbits the moon, enabling Pakistan to conduct satellite-based research on lunar surface imagery independently.

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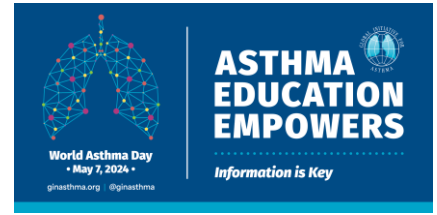
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1. What is theme of 'World Asthma Day 2024'?

- A. Closing Gaps in Asthma Care
- B. Uncovering Asthma Misconceptions
- C. Enough Asthma Deaths
- D. Asthma Education Empowers



- ✓ In observation of World Asthma Day, GINA promotes the theme "Asthma Education Empowers", stressing the importance of educating those with asthma for effective disease management and timely medical intervention. With over 260 million affected globally, asthma causes over 450,000 preventable deaths annually.

2. Which state has decided to implement the Central Government's SMART-PDS scheme?

- A. Tamil Nadu
- B. Kerala
- C. Karnataka
- D. Goa



- ✓ Kerala embraces the SMART-PDS scheme, aimed at modernizing and enhancing efficiency in the Public Distribution System. Led by the Department of Food & Public Distribution, it aims to curb food grain leakage and improve distribution chain efficiency. This technology-driven initiative centralizes ration card data and enables real-time monitoring from procurement to distribution.

3. Which institute recently conducted a study on coral bleaching in the Lakshadweep Sea?

- A. IIT, Kanpur
- B. ICAR-Central Marine Fisheries Research Institute (CMFRI)
- C. National Institute of Oceanography
- D. Marine Biological Laboratory



- ✓ The ICAR-Central Marine Fisheries Research Institute (CMFRI) reports severe coral bleaching in the Lakshadweep Sea due to prolonged marine heatwaves since 2023. Rapid warming in the Indian Ocean, coupled with strong El Niños, has increased heatwave frequency. The western Indian Ocean saw the highest rise, with about 1.5 events per decade, followed by the north Bay of Bengal at 0.5 events per decade. In 2020, 85% of corals in the Gulf of Mannar bleached.

4. Which ministry launched 'Cool Summers of India' campaign in Dubai during the Arabian Travel Mart 2024?

- A. Ministry of Tourism
- B. Ministry of External Affairs
- C. Ministry of Defence
- D. Ministry of Finance



पर्यटन मंत्रालय
MINISTRY OF
TOURISM

- ✓ India's Ministry of Tourism is actively engaging in the Arabian Travel Mart 2024 in Dubai, aiming to bolster its presence in the Middle East tourism market. At the event, the 'Incredible India' pavilion showcases diverse destinations, including hill resorts promoted through the 'Cool Summers of India' campaign. This initiative challenges perceptions about India's climate, promoting it as a year-round destination. Participation holds significant potential for revenue generation and job creation in India's tourism sector.

5. Tirthahalli region, recently seen in news due to areca nut, is located in which state?

- A. Telangana
B. Maharashtra
C. Kerala
D. Karnataka



- ✓ The Areca Research Centre at Shivamogga discovered that Areca nuts from Tirthahalli, Karnataka, are of superior quality compared to other varieties. Areca nut, also known as Betel Nut or Supari, is a key cash crop in India. It ranks fourth among the most commonly consumed psychoactive substances globally, following caffeine, nicotine, and alcohol. Widely chewed, especially in Southern Asia, it's a key ingredient in various Smokeless Tobacco (SLT) products. Over 600 million people consume it regularly.

6. What is the primary goal of carbon farming?

- A. To capture and store carbon dioxide from the atmosphere
B. To increase agricultural yields
C. To reduce water consumption in agriculture
D. To increase greenhouse gas emission



- ✓ Carbon farming, or carbon sequestration farming, aims to mitigate climate change by capturing and storing carbon dioxide from the atmosphere in soil or biomass. It's adaptable across various agro-climatic zones and addresses soil degradation, water scarcity, and climate variability challenges. Best suited to regions with long growing seasons and adequate rainfall, carbon farming utilizes vegetation growth to sequester carbon. This practice helps reduce greenhouse gas concentrations and fosters sustainable agriculture.

7. Polavaram Water Project is associated with which state?

- A. Tamil Nadu
B. Andhra Pradesh
C. Kerala
D. Rajasthan



- ✓ During Lok Sabha elections, the Polavaram water project becomes central, featured in party manifestoes. The project, dating back to 1941, faces delays and controversies. The Polavaram Water Project, also known as the Indira Sagar Project, is located in the East Godavari and West Godavari districts of Andhra Pradesh, India. The project is a multi-purpose dam on the Godavari River that provides irrigation, drinking water, and hydropower to the districts of East Godavari, Visakhapatnam, West Godavari, and Krishna.

8. Pulitzer Prize is associated with which field?

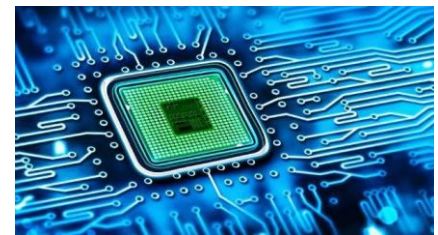
- A. Journalism
- B. Agriculture
- C. Entertainment
- D. Sports



- ✓ Columbia University announced the 2024 Pulitzer Prize winners on May 7. The prestigious award, established by Joseph Pulitzer in 1904, recognizes excellence in journalism, arts, and culture. Winners are selected by the Pulitzer Prize Board, with categories spanning journalism and arts. The ceremony, to be held later, will see recipients honored by the university president. This year's winners join a legacy dating back to the first prize in 1917.

9. Which IIT has recently launched Secure IoT, India's first indigenous microcontroller chip?

- A. IIT Bombay
- B. IIT Madras
- C. IIT Kanpur
- D. IIT Roorkee



- ✓ India's Mindgrove Technologies, incubated by IIT Madras, has launched Secure IoT, the nation's first high-performance SoC (system on chip). Supported by Peak XV Partners, the chip enables Indian OEMs to integrate locally-made technology, reducing costs without sacrificing quality. Secure IoT, a system-on-chip, consolidates multiple electronic components into one, facilitating smaller and more efficient devices.

10. What is the causative agent of West Nile fever?

- A. Bacteria
- B. Virus
- C. Protozoa
- D. Fungus



- ✓ Kerala's health department confirms five West Nile fever cases in Kozhikode, Malappuram, and Thrissur districts. Four patients have recovered; one remains under observation. Kerala recorded its first West Nile case in 2011 and first death in 2022.

- ✓ The virus, traced back to Uganda in 1937, primarily infects birds and spreads via migratory birds. West Nile Fever, caused by the West Nile Virus, is a flavivirus commonly found in Africa, Europe, and the Americas. It primarily spreads through infected mosquitoes biting birds and occasionally humans.

11. Which day is observed as 'World Red Cross and Red Crescent Day'?

- A. 7 May
B. 8 May
C. 9 May
D. 10 May



- ✓ Every year on May 8th, World Red Cross and Red Crescent Day honors the efforts of these humanitarian societies, including the IFRC, the largest of its kind. Originating from the 14th International Conference of the Red Cross in 1938, the date marks the birth of Jean Henri Dunant, founder of the Red Cross. Renamed in 1984, this day's theme for 2024, "Everything we do comes from the heart," reflects the compassion driving their actions.

12. Glyptothorax punyabratai belongs to which species?

- A. Spider
B. Catfish
C. Frog
D. Snake



- ✓ The ICAR-NBFGR discovered a new catfish species, Glyptothorax punyabratai, in Arunachal Pradesh's Tung Stream, a Brahmaputra River tributary. It's nocturnal and benthic, common traits among catfish. Catfish, over 2000 species strong, mostly inhabit freshwater, some marine.

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1. Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers recently launched the 'MEDITECH STACKATHON 2024' at which place?

- A. New Delhi
- B. Chennai
- C. Hyderabad
- D. Indore



- ✓ Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Dr Arunish Chawla, launched the MEDITECH STACKATHON 2024 in New Delhi with CII. This initiative aims to transform India's MedTech sector by analyzing select medical devices' value chain. India's MedTech industry projects a 28% annual growth, aiming for a USD 50 billion size by 2030.

2. In which district Tripura's first International Cricket Stadium is being constructed?

- A. South Tripura
- B. West Tripura
- C. Dhalai
- D. Gomati



- ✓ The Tripura Cricket Association is poised to unveil the state's inaugural international cricket stadium in Narsingarh, West Tripura. The stadium, slated for inauguration by February 2025, aims to host major cricket events.

3. What is 'Spektr-RG (SRG)'?

- A. Nuclear powered Submarine
- B. Newly discovered marine species
- C. Synthetic opioid drug
- D. Space observatory



- ✓ A new pulsar was discovered by astronomers using the Spektr-RG space observatory. Launched in 2019, Spektr-RG is a German-Russian high-energy astrophysics observatory studying the universe in the X-ray range. It orbits the Sun-Earth system's outer Lagrange point (L2), 1.5 million km away, in a 6-month period. The observatory's name stands for Spektr-Rentgen-Gamma and it was launched atop a Proton-M rocket from Baikonur Cosmodrome, Kazakhstan.

4. Which organization recently released the 'Recipe for a Livable Planet: Achieving Net Zero Emissions in the Agrifood System' report?

- A. World Bank
- B. IMF
- C. WMO
- D. ILO



- ✓ The World Bank's 'Recipe for a Livable Planet' report outlines strategies for achieving net zero emissions in the agrifood system. It defines the agrifood system's scope from farm to table, highlighting its significant contribution to global greenhouse gas emissions, with developing countries and China, Brazil, and India being major emitters. India's emissions are mainly from livestock. Despite increased climate financing, agrifood projects receive only 4.3%. The report suggests doubling investments to \$260 billion yearly by 2030 for emissions reduction.

5. Recently, which organization successfully conducted the first PreBurner Ignition trial for semi-cryogenic engine (SCE)-200?

- A. ISRO
- B. DRDO
- C. HAL
- D. NASA



- ✓ The Indian Space Research Organisation (ISRO) successfully conducted the first PreBurner Ignition trial for semi-cryogenic engine (SCE)-200 on May 2, 2024 at the semi-cryo integrated engine test facility (SIET) at IPRC, Mahendragiri. The pre-burner ignition test article (PITA) is a full complement of the engine power head system, excluding the turbopumps.
- ✓ The test proved that the pre-burner could ignite smoothly and continuously. The Vikram Sarabhai Space Centre (VSSC) created a start fuel ampule that combines triethylaluminium and triethyleboron to ignite the semi-cryogenic engine. This ampule was used for the first time in ISRO's 2000 kN semi-cryogenic engine.

6. Shinkun La Tunnel is located between which two regions of India?

- A. Kangra Valley & Spiti Valley
- B. Nubra Valley & Parvati Valley
- C. Lahaul Valley & Zaskar Valley
- D. Patratu Valley & Pangi Valley



- ✓ The Border Roads Organisation (BRO) is set to build the Shinkun La Tunnel, spanning 4.1 km under the 16,580 feet high Shinku-La pass, linking Himachal's Lahaul valley and Ladakh's Zaskar valley. It will be the world's longest high-altitude highway tunnel. Its estimated cost for construction is Rs. 1,681.5 crores.

7. World Migration Report 2024, recently released by which organization?

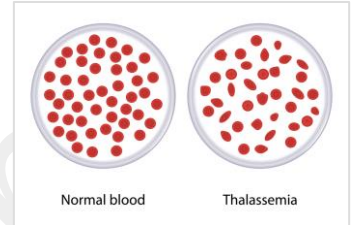
- A. International Organization for Migration
- B. World Trade Organization
- C. World Bank
- D. International Maritime Organization



- ✓ The International Organization for Migration (IOM) released its 2024 World Migration Report, highlighting conflict and climate change as major drivers of global displacement. There are about 281 million international migrants worldwide. In India, climate impacts drive internal migration from Rajasthan, Uttar Pradesh, and Madhya Pradesh. India hosts the most international migrants (18 million), with top destinations being UAE, USA, and Saudi Arabia.

8. What is theme of 'World Thalassemia Day 2024'?

- A. Be Aware
- B. Empowering Lives, Embracing Progress
- C. Addressing Health Inequalities
- D. The dawning of a new era for thalassaemia



- ✓ World Thalassaemia Day, observed annually on May 8th, aims to raise awareness about thalassemia, a genetic blood disorder. The Union Ministry of Health and Family Welfare held an event in New Delhi, led by Secretary Apurva Chandra, stressing timely detection and prevention.
- ✓ Panos Ennglezos established the day in 1994 in memory of his son George. The 2024 theme is "Empowering Lives, Embracing Progress: Equitable and Accessible Thalassaemia Treatment for All." Thalassemia affects the production of hemoglobin, crucial for oxygen transport in red blood cells.

9. Recently, which state launched the 'School on Wheels' initiative?

- A. Manipur
- B. Assam
- C. Mizoram
- D. Nagaland



- ✓ Manipur's government introduced "School on Wheels" to educate students in relief camps due to ethnic strife. Governor Anusuiya Uikey inaugurated the initiative, featuring a mobile school bus with library, computers, and sports gear. It aims to reach affected students, acknowledging the impact on education due to the strife starting May 3 last year. The scheme intends to provide necessary teaching to students in relief camps.

10. Recently, which state government has taken steps to denotify the boundaries of the Pulicat bird sanctuary?

- A. Tamil Nadu
- B. Andhra Pradesh
- C. Karnataka
- D. Kerala



- ✓ The Tamil Nadu government plans to denotify the Pulicat bird sanctuary's boundaries, reducing its eco-sensitive zone. Spanning 720 sq km, it straddles Andhra Pradesh and Tamil Nadu, primarily in Tiruvallur district.
- ✓ Situated 60 km north of Chennai, it's separated from the Bay of Bengal by Sriharikota Island. Fed by three major rivers, including the Arani, Kalangi, and Swarnamukhi, it hosts diverse aquatic and avian life, supporting local livelihoods and serving as a floodwater catchment during cyclones.

11. Recently, where was the first Joint Committee Meeting between India & Australia held?

- A. Canberra
- B. New Delhi
- C. Melbourne
- D. Chennai



- ✓ India and Australia held their inaugural Joint Committee Meeting (JCM) in Canberra, Australia. Indian Commerce Secretary Shri Sunil Barthwal led the delegation, meeting with Deputy Secretary George Mina from Australia's Department of Foreign Affairs and Trade (DFAT).
- ✓ Discussions encompassed implementing the India-Australia Economic Cooperation and Trade Agreement (Ind-Aus ECTA), addressing issues from market access to pharmaceutical pricing. Both nations explored mutual interests like coastal tourism and prawn disease prevention, establishing an institutional mechanism for data exchange.

12. Recently, which country became the first to get \$100 billion in remittances?

- A. Myanmar
- B. India
- C. Nepal
- D. Singapore



- ✓ In 2022, India made history by receiving over \$100 billion in remittances, as reported by the International Organization for Migration (IOM). India's remittances surged to \$111 billion, surpassing all other nations. Mexico followed as the second-largest recipient.

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1. Where was Uttar Pradesh's first traffic park recently opened?

- A. Prayagraj
- B. Ayodhya
- C. Saharanpur
- D. Varanasi



- ✓ **The first traffic park in Uttar Pradesh was inaugurated by the Prayagraj Development Authority in Prayagraj district. Costing 90 lakh rupees, it features a motion theater, digital games, free swings for kids, and electric vehicles for both kids and adults. The park aims to educate about traffic rules and safety while providing recreational activities.**

2. Recently, Indian Army's Kharga corps and the Indian Air Force have conducted a joint exercise 'Gagan Shakti II' in which state?

- A. Haryana
- B. Punjab
- C. Gujarat
- D. Rajasthan



- ✓ **The Indian Army's Kharga Corps, with the Western Command, conducted a three-day joint exercise, "Gagan Strike-II," with the Indian Air Force in Punjab. Utilizing assets like Apache helicopters and UAVs, the exercise focused on validating attack helicopters' role in supporting mechanized operations. It aimed to refine protocols and enhance coordination for ground offensives, including live fire maneuvers, in developed terrains.**

3. Recently, where was the 5th Joint Group of Customs (JGC) meeting between India & Bhutan held?

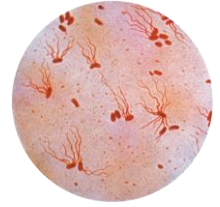
- A. Ladakh
- B. New Delhi
- C. Jaipur
- D. Bhopal



- ✓ **The 5th Joint Group of Customs (JGC) meeting between India and Bhutan convened on May 6th-7th, 2024, in Leh, Ladakh. Meeting was co-chaired by officials from both nations, discussions centered on bilateral matters like new Land Customs Stations, trade routes, infrastructure, digitalization, smuggling prevention, and coordinated cross-border management. Bhutan lauded India's support for capacity building and cross-border trade initiatives through workshops and bilateral agreements, expressing gratitude for ongoing collaboration.**

4. Widal Test is associated with which disease?

- A. TB
B. Malaria
C. Dengue
D. Typhoid



- ✓ **The Widal Test, crucial for diagnosing typhoid fever caused by Salmonella Typhi, suffers from inaccuracies, complicating India's battle against the disease. Symptoms of typhoid overlap with other illnesses, necessitating precise testing. Developed in the late 1800s, the test lacks reliability, prompting caution from the World Health Organization.**

5. Recently, Ministry of Agriculture & Farmers Welfare (MoA&FW) inaugurated a Krishi Integrated Command and Control Centre (ICCC) at which place?

- A. New Delhi
B. Hyderabad
C. Chennai
D. Lucknow



- ✓ **The Ministry of Agriculture & Farmers Welfare launched a Krishi ICCC at Krishi Bhavan in New Delhi. The initiative utilizes tech like AI, remote sensing, and GIS for informed agricultural decision-making. It consolidates geospatial data from sources such as Digital Crop Survey and Unified Portal for Agricultural Statistics. The Krishi ICCC aims to monitor the farm sector effectively, enhancing productivity and market intelligence.**

6. Which organization recently released a report titled 'Amplifying the Global Value of Earth Observation'?

- A. International Monetary Fund
B. World Bank
C. World Economic Forum
D. World Meteorological Organization



- ✓ **The World Economic Forum's report titled 'Amplifying the Global Value of Earth Observation' highlights Earth Observation (EO) technologies' economic potential, estimating a \$3.8 trillion contribution to global GDP from 2023-2030. EO encompasses remotely-sensed and in-situ data collection, offering insights across sectors. Agriculture benefits from precision techniques, while energy sectors utilize EO for forecasting and operations management. Mining gains insights for mineral exploration. EO also aids climate efforts.**

7. According to Global Electricity Review 2024 report, India surpassed which country to become 3rd largest solar power generator?

- A. Japan
B. China
C. Pakistan
D. France



- ✓ India surpassed Japan to become the world's third-largest solar power generator in 2023, per Ember's report. Solar energy accounted for a record 5.5% of global electricity, with India generating 5.8%. Solar's global generation expanded over six times since 2015. By 2030, solar is projected to contribute 22% to global electricity, crucial for combating climate change. India aims for 50% non-fossil fuel-based energy by 2030.

8. Which institute recently identified two new species of needlefish in Indian waters?

- A. Central Marine Research Institute
- B. Central Marine Fisheries Research Institute
- C. Central Marine Biology Research Institute
- D. Central Marine Ecology Research Institute



- ✓ **Researchers at Central Marine Fisheries Research Institute (CMFRI) identified two new needlefish species in Indian waters. These marine creatures are commonly found in temperate and tropical regions, characterized by silvery bodies with blue or green backs. They are carnivorous, preying on small fish, crustaceans, and cephalopods.**

9. Recently, the term "Doubtful voter" or "D-voter" has been primarily used in which state?

- A. Manipur
- B. Assam
- C. Mizoram
- D. Nagaland



- ✓ **During India's general elections, 'D voters' were a significant issue in Assam. A 'Doubtful voter' or 'D-voter' is someone whose citizenship status is uncertain during the creation of the National Register of Citizens (NRC) in Assam. Legal ambiguity surrounds the term, and those classified undergo a verification process. D-voters are ineligible to vote or stand for office until their citizenship status is resolved.**

10. Recently, where was the sixth edition of the Commandants Conclave held?

- A. Indore
- B. Varanasi
- C. Pune
- D. Jaisalmer



- ✓ **The sixth Commandants' Conclave convened at MILIT, Pune on May 7, 24, hosted by HQ Integrated Defence Staff. Commandants of esteemed Armed Forces Training Institutions and War Colleges, alongside senior leadership, strategized on future defence strategies. They exchanged insights, shared best practices, and discussed topics like strategic resilience, technological advancement, and human capital development.**

11. Which ministry recently launched the 'Capacity Building on Design and Entrepreneurship (CBDE) program?

- A. Ministry of Education
- B. Ministry of Finance
- C. Ministry of Defence
- D. Ministry of Home Affairs



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

- ✓ Sanjay Murthy, Secretary of the Department of Higher Education, Ministry of Education, virtually launched the 'Capacity Building on Design and Entrepreneurship (CBDE)' program. The program, led by industry-academia collaboration, aims to foster problem-solving skills and entrepreneurial mindset among students. At this stage, 30 HEIs have been selected through a process anchored by the IIITDM, Kancheepuram, a Malaviya Mission Teacher Training Center (MMTTC) as Nodal Centre for the program.

12. How many medals were won by India in the Asian Open Pickleball Championship 2024?

- A. 6
- B. 5
- C. 4
- D. 2



- ✓ India showcased dominance at the Asian Open Pickleball Championship in Vietnam, clinching three gold and two bronze medals. Sachin Pahwa and Priyanka Chhabra secured gold in mixed doubles intermediate 35+. Isha Lakhani and Pei Chuan Kao triumphed in women's doubles open, while Aniket Patel and Rohit Patil claimed gold in men's doubles.

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1. Recently, which organization adopted the first law to tackle violence against women?

- A. European Union (EU)
- B. United Nations (UN)
- C. African Union (AU)
- D. ASEAN



- ✓ **The European Union (EU) adopted its first law to combat violence against women. The law requires EU countries to criminalize female genital mutilation, forced marriage, and online harassment. However, the law does not include a common definition of rape. The EU Commission proposed the law in 2022.**

2. Recently, which organization has released upgraded Dietary Guidelines for Indians to suit modern eating habits for 2024?

- A. Council of Scientific and Industrial Research (CSIR)
- B. Food Safety and Standards Authority of India (FSSAI)
- C. Indian Council of Medical Research (ICMR)
- D. Food and Agriculture Organization (FAO)



- ✓ **The Indian Council of Medical Research (ICMR) has issued updated Dietary Guidelines for Indians in 2024, developed by researchers from the National Institute of Nutrition in Hyderabad. Emphasizing physical activity, regular exercise, and limitations on salt and high fat/sugar foods, the guidelines aim to combat obesity.**

3. Hindon River is tributary of which river?

- A. Godavari
- B. Kaveri
- C. Krishna
- D. Yamuna



- ✓ **The National Green Tribunal (NGT) has instructed the Uttar Pradesh Pollution Control Board (UPPCB) to present an additional report within two weeks on Hindon River pollution, detailing actions against polluting municipal bodies. Hindon, a Yamuna tributary, spans 400 km from Saharanpur to Noida. Urban, agricultural, and industrial waste have rendered it one of the most polluted stretches in the Ganga basin. In 2015, CPCB declared it a 'dead river,' unfit for bathing.**

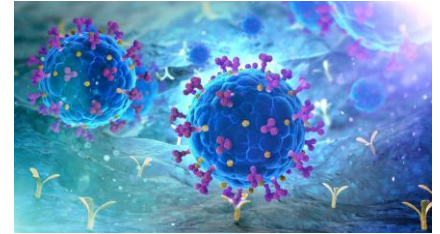
4. Which institute recently introduced a new high-yielding wheat seed variety, HD 3386?

- A. Indian Agricultural Research Institute
- B. National Sugar Research Institute
- C. TATA Institute of Fundamental Research
- D. Central Scientific Industrial Organization

- ✓ The Indian Agricultural Research Institute (IARI) recently introduced a new high-yielding wheat seed variety, HD 3386, which is resistant to leaf rust and yellow diseases. These diseases are common in the northwest region of India, which includes Punjab, Haryana, Uttar Pradesh, and Rajasthan. IARI is a leading institute that has developed many of India's wheat and rice varieties, which are often called the "Green Revolution".

5. What is 'FLiRT'?

- A. Nuclear ballistic submarine
- B. Malicious software
- C. An underwater research station
- D. New variant of COVID-19



- ✓ FLiRT, a new variant of COVID-19, has emerged as the dominant strain in the United States. It belongs to the Omicron JN.1 lineage and features two mutations, KP 1.1 and KP.2. Rapidly spreading, FLiRT exhibits diverse symptoms including sore throat, cough, fatigue, nasal congestion, headache, muscle aches, fever, and gastric issues. Continuous monitoring and appropriate public health measures are essential to address its rapid transmission.

6. Recently, which country's ambassador inaugurated the Kohima Peace Memorial in Nagaland?

- A. Japan
- B. China
- C. Bhutan
- D. Nepal



- ✓ In Nagaland, Japan's ambassador Hiroshi Suzuki and CM Neiphiu Rio inaugurated Kohima Peace Memorial and laid Eco Park's foundation stone. Symbolizing Japan-Nagaland collaboration, it commemorates WWII's Battle of Kohima, signifying peace and reconciliation.

7. What is the causative agent of 'Foot rot disease'?

- A. Bacteria
- B. Fungi
- C. Virus
- D. Protozoa



- ✓ Punjab Agricultural University introduces *Trichoderma asperellum* to tackle 'foot rot' disease in Basmati rice, endorsed by Central Insecticides Board and Registration Committee (CIBRC). The disease, caused by Fungus *Fusarium verticillioides*, affects seedlings and transplanted crops. Symptoms include yellowing, elongation, and eventual death of plants. Current chemical treatments like *Trichoderma harzianum* and Sprint 75 WS pose risks to soil and consumers due to toxicity. Carbendazim, a component of Sprint 75 WS, is banned in Punjab due to high residues.

8. Recently, what amount has India contributed to the UN Counter-Terrorism Trust Fund?

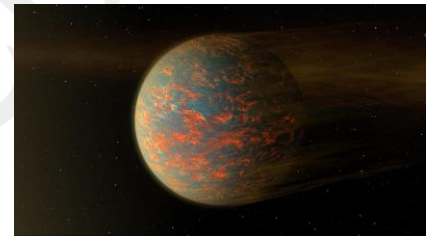
- A. \$200,000
- B. \$300,000
- C. \$400,000
- D. \$500,000



- ✓ India's \$500,000 contribution to the UN Counter-Terrorism Trust Fund underscores its commitment to combating global terrorism. The United Nations Office of Counter-Terrorism (UNOCT), established in 2017, coordinates counter-terrorism efforts worldwide. It provides leadership, enhances coordination among 38 entities, strengthens capacity-building assistance to Member States, and advocates for resources.

9. What is '55 Cancri e'?

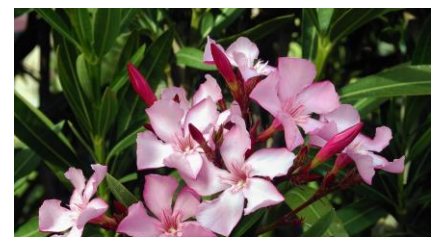
- A. Invasive weed
- B. Super-Earth
- C. Ancient Irrigation Technique
- D. Submarine



- ✓ Scientists have found a super-Earth, 55 Cancri e, near our solar system. It's twice Earth's size with a thick atmosphere rich in carbon dioxide and monoxide. Orbiting its star, Copernicus, at a close distance, it completes an orbit every 18 hours. Positioned 41 light years away, it faces perpetual day and night.

10. What is Nerium Oleander?

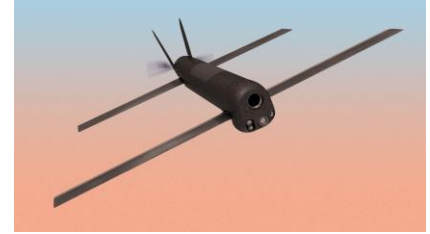
- A. Evergreen shrub
- B. Asteroid
- C. Black hole
- D. Naval Ship



- ✓ After a woman and two cattle died from consuming Nerium Oleander, the Travancore Devaswom Board decided to remove the flower from offerings to devotees. Nerium Oleander, an evergreen shrub known as 'Arali' in Malayalam, grows up to 18-20 feet and is used in poojas despite its toxicity. Ancient civilizations like the Mesopotamians, Romans, and Arabs valued Nerium Oleander for its medicinal properties. Its toxicity, due to cardiac glycosides, can cause severe symptoms including death.

11. Kadet Defence Systems has been developed India's first kamikaze drone in collaboration with which organization?

- A. DRDO
- B. ISRO
- C. BHEL
- D. HAL



- ✓ India's first kamikaze drone, developed by Kadet Defence Systems with DRDO, is a Loitering Aerial Munition (LAM) or Suicidal drone. It loiters over targets for precise identification, capable of changing targets mid-flight or aborting missions. Adaptable to diverse terrains like deserts and high-altitude areas, it has a 12-hour loitering capacity and a flying range of 150-300 km.

12. Which day is celebrated as 'National Technology Day' every year?

- A. 10 May
- B. 11 May
- C. 12 May
- D. 13 May



- ✓ India celebrates National Technology Day on May.11, commemorating its advancements in technology. It marks India's entry into the nuclear club, the maiden flight of its indigenous aircraft, and the successful testing of the Trishul missile. The 2024 theme for the day is, "From Schools to Startups: Igniting Young Minds to Innovate".

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1. Which organization recently celebrated 70th anniversary of the Convention for the Protection of Cultural Property in the Event of Armed Conflict?

- A. UNESCO
- B. WTO
- C. FAO
- D. UNICEF



- ✓ UNESCO marked the 70th anniversary of the Convention for the Protection of Cultural Property in Armed Conflict. It's the first global legal framework solely dedicated to safeguarding movable and immovable heritage during peacetime and conflict. With 135 member states, including India, the Convention and its Protocols (1954, 1999) operate under UNESCO.

2. Recently, where was the 19th session of the United Nations Forum on Forests (UNFF) held?

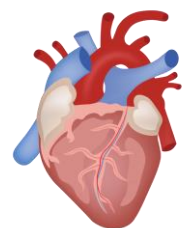
- A. Paris
- B. New York
- C. California
- D. London



- ✓ The 19th UN Forum on Forests convened recently in New York, aiming to foster global forest management, conservation, and sustainability. Established in 2000 under ECOSOC, it includes all UN member states and specialized agencies, with India as a founding member. Based in New York, it reports to the General Assembly via ECOSOC. Its objective is to bolster long-term political commitment to forest issues and promote their sustainable development.

3. What is 'Kawasaki Disease'?

- A. A rare heart disease
- B. An eye disorder
- C. Fungal disease
- D. Bacterial disease



- ✓ Two baby girls diagnosed with Kawasaki disease were successfully treated at Coimbatore Medical College and Hospital (CMCH). Kawasaki disease, a rare heart condition, primarily affects children under 5, leading to high fever and inflamed blood vessels.
- ✓ It's a significant cause of heart disease in kids, targeting coronary arteries. Symptoms include fever, rash, swollen hands and feet, and inflamed mucous membranes. The disease's cause remains unknown, with cases peaking in late winter and early spring.

4. What is 'Hermes-900'?

- A. Unmanned Aerial System
- B. Nuclear Ballistic Submarine
- C. Invasive weed
- D. Ancient Monument



- ✓ **The Indian Army and Navy are set to receive Hermes-900 drones, or Drishti-10, enhancing their surveillance capabilities. Hermes-900, a Medium Altitude Long Endurance (MALE) unmanned aerial system, boasts over-the-horizon, multi-mission capabilities with a payload capacity of 350 kgs. It facilitates Intelligence, Surveillance, Target Acquisition, Reconnaissance and maritime patrol missions.**

5. Which country became the first nation to lose all of its glaciers?

- A. Russia
- B. Venezuela
- C. Norway
- D. Sweden



- ✓ **Venezuela loses all glaciers, with the Humboldt Glacier being the last to vanish. The International Cryosphere Climate Initiative declares it too small to be classified as a glacier. It's now termed an ice field.**

6. DigiLocker is a flagship initiative of which ministry?

- A. Ministry of Commerce and Industry
- B. Ministry of Communications
- C. Ministry of Electronics & Information Technology
- D. Ministry of Civil Aviation



- ✓ **DigiLocker, initiated by India's Ministry of Electronics & Information Technology in 2015, serves as a secure platform for government documents. Students can access scores and verified marksheets. It's government-approved with stringent security measures, including 2048 Bit RSA SSL encryption and multi-factor authentication.**
- ✓ **Users can store essential documents digitally, aiding paper-free initiatives. Documents issued via DigiLocker hold legal equivalence to physical copies. The app supports passport applications and identity verification, enhancing convenience and accessibility.**

7. Which two countries recently carried out the 7th edition of the Joint Military Exercise 'Shakti'?

- A. India & Maldives
- B. India & Russia
- C. India & UAE
- D. India & France



- ✓ **Joint military Exercise Shakti, a biennial event between Indian and French forces, occurred at Umroi, Meghalaya, from May 13-26, 2024. Attended by French Ambassador Thierry Mathou, Brigadier Mayur Shekatkar, and dignitaries, it focuses on joint planning and strategy development for war scenarios.**
- ✓ **Shakti, alternating between India and France, aims to enhance cooperation, understanding, and interoperability while sharing combat experiences in countering terrorism.**

8. What is the theme for 'International Nurses Day 2024'?

- A. Our Nurses, Our Future, The Economic Power of Care
- B. Closing the Gap
- C. Nurses: A Voice to Lead
- D. Nurses: A Force for Change



- ✓ **International Nurses Day, observed on May 12, honors Florence Nightingale's legacy. Some countries extend celebrations into National Nurses Week.**
- ✓ **The day emphasizes nurses' critical role in healthcare, combating undervaluation. Each year, a theme is chosen by the International Council of Nurses; for 2024, it's 'Our Nurses Our Future, The Economic Power of Care,' highlighting nurses' impact on global economy and the need for investment in the profession for better health outcomes.**

9. Recently, which space organization successfully tested a liquid rocket engine made with the help of 3D printing?

- A. ISRO
- B. NASA
- C. JAXA
- D. CNSA



- ✓ **The Indian Space Research Organisation (ISRO) successfully tested a liquid rocket engine made via 3D printing. ISRO utilized the PS4 engine, employed in the Polar Satellite Launch Vehicle's fourth stage, for this advancement. 3D printing constructs objects layer by layer from computer-generated designs. It reduces components from 14 to one, eliminates 19 weld joints, saving 97% of raw material, and cuts production time by 60%.**

10. Andrott, Kiltan, and Kalpeni Islands, recently seen in the news due to coral bleaching, are located in which region of India?

- A. Tamil Nadu
- B. Lakshadweep Sea
- C. Andaman Sea
- D. Kerala



- ✓ ICAR-Central Marine Fisheries Research Institute (CMFRI) found severe coral bleaching in Lakshadweep Sea due to prolonged maritime heatwaves since October 2023. Corals, sessile organisms, suffered due to warm waters, ejecting algae, their food source. Lakshadweep's islands, mostly coral atolls, rely on coral-derived soil. Bleaching affects major islands like Bitra, Kiltan, Amini, Andrott, Kalpeni, and Kavaratti.

11. Recently, Idashisha Nongrang has been appointed as the first woman Director General of Police (DGP) of which state?

- A. Nagaland
- B. Sikkim
- C. Meghalaya
- D. Assam



- ✓ Idashisha Nongrang makes history as Meghalaya's first female Director General of Police (DGP), breaking barriers in the state's matrilineal society. A 1992 Indian Police Service member from the Khasi community, she succeeds Lajja Ram Bishnoi upon his retirement on May 19. Nongrang previously served as DGP in 2021 and currently leads Meghalaya Civil Defence.

12. Which country recently won 30th Sultan Azlan Shah Trophy?

- A. Japan
- B. India
- C. China
- D. Malaysia



- ✓ Japan secured their first Sultan Azlan Shah Hockey trophy by defeating Pakistan 4-1 in the penalty shootout. The final match, held at Azlan Shah Stadium in Ipoh, Malaysia on May 11, 2024, ended 2-2 in normal time. This victory marked Japan's maiden title in the tournament. Pakistan, making its 10th final appearance, has previously won the trophy thrice. In the 30th Sultan Azlan Shah Trophy, Japan clinched the top spot, followed by Pakistan and Malaysia.

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1. What is the theme of 'World Migratory Bird Day 2024'?

- A. Insects
- B. Water
- C. Light pollution
- D. Protect birds



- ✓ **World Migratory Bird Day is a global campaign on May 11 & October 12, 2024, emphasizing migratory bird conservation. The theme "Insects" underscores insects' significance for birds and addresses declining insect populations' impact. World Migratory Bird Day raises awareness about the importance of preserving habitats for migratory birds.**

2. Which cooperative society has recently signed an agreement with Marut Dronetech Private Ltd to launch Drone-as-a-Service operations in Andhra Pradesh and Telangana?

- A. Indian Farmers Fertiliser Cooperative (IFFCO)
- B. Amul
- C. Anyonya Co-operative Bank Ltd
- D. Kerala Co-operative Milk Marketing Federation (KCMMF)



- ✓ **IFFCO partners with Marut Dronetech for Drone-as-a-Service (DAAS) in Andhra Pradesh and Telangana, aiming to boost rural entrepreneurship and youth engagement. The collaboration targets to cover five lakh acres for agri input spraying. Marut Dronetech will deploy drones to dispense IFFCO agri-products. DAAS facilitates affordable drone tech access for farmers through rural entrepreneurs, promoting accessibility.**

3. Recently, which company announced its first ever partnership with Hockey India for the National Women's Hockey League 2024?

- A. Pepsico
- B. Coca Cola
- C. Nestle
- D. Parle Agro



- ✓ **The Coca-Cola India Foundation, partnered with Hockey India for the National Women's Hockey League 2024, marking its first collaboration. This partnership aims to empower women in hockey, aligning with Coca-Cola India's #SheTheDifference campaign. Over three years, they will provide coaching, equipment, nutrition & organize camps and tournaments, supported by Sporting Ethos.**

4. India recently collaborated with which country to study and conserve sharks and rays in the Arabian Sea?

- A. Maldives
- B. Somalia
- C. Oman
- D. Iran



- ✓ India and Oman are set to launch a collaborative initiative for shark and ray conservation in the Arabian Sea, announced at an upcoming workshop at ICAR-CMFRI. Jointly organized by CMFRI and Oman's Directorate General of Fisheries Research, the workshop aims to foster research and capacity building in elasmobranch studies. It signifies a milestone in bilateral marine research.

5. Recently, which country has become India's largest trading partner, surpassing the US in FY24?

- A. United Arab Emirates
- B. China
- C. Russia
- D. Japan



- ✓ According to the Global Trade Research Initiative (GTRI) report, China overtakes the US as India's primary trading partner, reaching \$118.4 billion in bilateral trade in FY 24. India's reliance on China is evident, particularly in critical sectors like telecom, smartphones, and pharmaceuticals.
- ✓ Telecom and smartphone parts constitute 44% of imports, with China supplying 75% of lithium-ion batteries for EVs. This shift highlights China's increasing economic influence on India and underscores the need for diversified trade strategies.

6. Recently, where was the 4th Joint Committee meeting for the review of AITIGA (ASEAN-India Trade in Goods Agreement) held?

- A. New Delhi, India
- B. Jurong, Singapore
- C. Jakarta, Indonesia
- D. Putrajaya, Malaysia



- ✓ The 4th Joint Committee meeting for AITIGA review convened in Putrajaya, Malaysia from 7-9 May 2024. AITIGA, signed in 2009, is a trade pact between ASEAN and India, effective since 2010, commonly known as the ASEAN-India Free Trade Agreement. Focused on physical goods, it excludes services, with a separate ASEAN-India Trade in Services Agreement established in 2014 during the 7th ASEAN Economic Ministers-India Consultations in Bangkok, Thailand.

7. Recently, which ministry has sanctioned 113 roads under the Vibrant Village Programme in Arunachal Pradesh, Uttarakhand and Sikkim?

- A. Ministry of Defence
- B. Ministry of Home Affairs
- C. Ministry of Rural Development
- D. Ministry of Agriculture



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- ✓ **The Home Ministry approved 113 roads under the Vibrant Village Programme across Arunachal Pradesh, Uttarakhand, and Sikkim to enhance connectivity in border areas. This scheme, active from 2022-23 to 2025-26, aims to uplift villages along the northern border, curbing outmigration and bolstering security. It targets 2967 villages in 19 districts and 46 border blocks of 4 states and 1 UT.**

8. Kami Rita, who recently became the first person in the world to climb Mount Everest 29 times, belongs to which country?

- A. India
- B. Bhutan
- C. Nepal
- D. Myanmar



- ✓ **Kami Rita, a legendary Nepalese mountaineer, broke his own world record by summiting Mount Everest 29 times. He accomplished this feat over 30 years, with his latest ascent on May 12, 2024. Born in 1970, Rita began his career in 1992 and conquered Everest first in 1994. He's known as the "Everest Man." His competitor, Pasang Dawa, has climbed Everest 27 times. Everest's height is 8,848.86 meters or 29,031.69 feet.**

9. Recently, which Indian Naval Ship visited Vietnam as part of the Indian Navy's Operation Deployment?

- A. INS Kaveri
- B. INS Vikram
- C. INS Kiltan
- D. INS Veer



- ✓ **INS Kiltan arrived at Cam Ranh Bay, Vietnam on 12 May 24, strengthening ties between India and Vietnam. The visit, part of the Indian Navy's Eastern Fleet deployment, emphasizes professional, social, and community exchanges. Kiltan, an ASW corvette, symbolizes India's naval prowess and was built domestically. The visit culminates in a Maritime Partnership Exercise, enhancing interoperability between the two navies and reflecting their shared values.**

10. Which ministry has recently signed an MoU with Mahindra & Mahindra Ltd. to conduct two Pilot Projects under the Drone Didi Yojana?

- A. Ministry of Road Transport and Highways
- B. Ministry of Skill Development and Entrepreneurship
- C. Ministry of MSME
- D. Ministry of Home Affairs



- ✓ **The Ministry of Skill Development and Entrepreneurship (MSDE) partnered with Mahindra & Mahindra Ltd for two Pilot Projects under the Drone Didi Yojana. Launched to empower women in agriculture, it aims to train 15,000 women in drone operation for tasks like crop monitoring and seeding. The projects will run at Noida and Hyderabad Centers, training 500 rural women in drone flying, data analysis, and maintenance.**

11. Recently, who won the silver medal at the Asian Trampoline Gymnastics Championships?

- A. Dipa Karmakar
- B. Kalpana Debnath
- C. Srishti Khandagale
- D. Rucha Divekar



- ✓ **Srishti Khandagale made history as the first Indian to medal in the Asian Trampoline Gymnastics Championships, earning silver in the Women's Individual Age group in Hong Kong. Despite this achievement, she won't compete in the Paris Olympics due to her age group. Dolgoplova of Kazakhstan secured gold, while S Hung of Hong Kong took bronze.**

12. Which day declared as World Football Day by the UN recently?

- A. 23.May
- B. 24.May
- C. 25.May
- D. 26.May



- ✓ **On May 7, 2024, the UN General Assembly, comprising 193 members, passed a resolution to designate May 25 as World Football Day annually. The Libyan ambassador to the UN, Taher El-Sonni, introduced the resolution, which gained consensus support and was co-sponsored by over 160 member nations. Highlighting football's global popularity, the ambassador emphasized its ubiquity across towns, cities, and villages worldwide.**

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1. Recently, where was the 'World Hydrogen Summit and Exhibition 2024' held?

- A. London, UK
- B. Moscow, Russia
- C. Paris, France
- D. Rotterdam, Netherlands



- ✓ India has setup its pavilion at the 2024 World Hydrogen Summit in Rotterdam, inaugurated by Bhupinder Singh Bhalla from the Ministry of New & Renewable Energy on May 12. The event, running from May 13-15, hosts 15,000 delegates worldwide. Organized by the Sustainable Energy Council and partners including the Netherlands government, it's a premier platform promoting green hydrogen technology and its global adoption as a sustainable fuel source.

2. Recently, where was the 10th meeting of the Memory of the World Committee for Asia and the Pacific (MOWCAP) held?

- A. Beijing, China
- B. Ulaanbaatar, Mongolia
- C. Jakarta, Indonesia
- D. New Delhi, India



- ✓ Ramcharitmanas, Panchatantra, and Sahrdayaloka-Locana from India are included in UNESCO's Memory of the World Asia-Pacific Regional Register for 2024. Recognizing achievements in genealogy, literature, and science, the committee's decision was made at the 10th General Meeting of MOWCAP in Ulaanbaatar, Mongolia. The meeting, hosted by the Mongolian government and UNESCO, had 38-member state representatives and 40 observers.

3. Recently, who has become first Indian male wrestler to qualify for 2024 Paris Olympics?

- A. Bhim Singh
- B. Aman Sehrawat
- C. Dinkarrav Shinde
- D. Udey Chand



- ✓ Aman Sehrawat made history as the first Indian male wrestler to clinch a quota for the 2024 Paris Olympics. At the World Wrestling Olympic Qualifiers in Istanbul, he secured the Paris quota in the men's 57kg freestyle category by defeating Chongsong Han of Korea 12-2 in the semi-final. This marks India's sixth quota in wrestling for the 2024 Olympics, with all previous five quotas won by Indian women wrestlers.

4. P Shyaamnikhil, who recently became India's 85th chess Grandmaster, belongs to which state?

- A. Tamil Nadu
- B. Kerala
- C. Manipur
- D. Rajasthan



- ✓ **P Shyaamnikhil, Tamil Nadu native, became India's 85th chess Grandmaster at 31. Starting his career at eight, he clinched his third GM norms at 2024 Dubai Police Masters Chess Tournament. R Vaishali preceded him as the 84th Indian GM. Before the tournament, Shyaamnikhil required one win and eight draws. Despite accumulating 2500 ELO rating points and two GM norms in 2012, he waited 12 years for the third GM norm, achieved in Dubai.**

5. What is the name of the project being undertaken by the state highways department in Tamil Nadu around the Nilgiris' major roads?

- A. Nilgiris Highway Rehabilitation Scheme
- B. Soil Nailing and Hydroseeding Project
- C. Soil Conservation Farming
- D. Soil and Water Conservation Society



- ✓ **The project 'slope stabilization using soil nailing and Hydroseeding method' is implemented by Tamil Nadu's state highways department around Nilgiris' major roads. It employs geotechnical engineering techniques like soil reinforcement through steel tendons, creating composite masses akin to gravity walls. This method includes drilled and grouted, driven, drilling, and jet grouted soil nailing. While driven is fast but lacks corrosion protection, drilling and jet grouted methods offer quicker stabilization and erosion control.**

6. World Wildlife Crime Report 2024, recently released by which organization?

- A. United Nations Office on Drugs and Crime (UNODC)
- B. World Health Organisation
- C. World Bank
- D. United Nations Development Program



- ✓ **The 2024 World Wildlife Crime Report by the UN Office on Drugs and Crime revealed rhinos and cedars as the most trafficked species from 2015-2021. Established in 1997, the UNODC combats drug abuse, trafficking, and crime worldwide. It strengthens international cooperation, promotes crime prevention, and aids criminal justice reform to combat transnational organized crime and corruption.**

7. Recently, which ministry has boarded the PM Gati Shakti portal to identify and bridge gaps in social security coverage across the country?

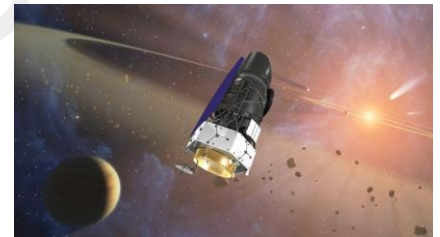
- A. Ministry of Defence
- B. Ministry of Labour and Employment
- C. Ministry of Rural Development
- D. Ministry of Agriculture



- ✓ **The Ministry of Labour and Employment has joined the PM Gati Shakti portal to enhance social security coverage. PM Gati Shakti, launched in 2021, is the National Master Plan for Multimodal Connectivity, integrating 16 ministries. Its goal is integrated planning and implementation of connectivity projects, improving movement of people and goods between transport modes. The initiative focuses on 6 pillars: Comprehensiveness, Prioritization, Optimization, Synchronization, Analytical, and Dynamic.**

8. Nancy Grace Roman Space Telescope is associated with which space organization?

- A. ISRO
- B. JAXA
- C. NASA
- D. CNSA



- ✓ **The Nancy Grace Roman Space Telescope, led by NASA, targets exploration from our solar system's outer reaches to the observable universe edge. Its focus includes dark energy, dark matter, exoplanets, and various infrared astrophysics and planetary science areas. Key instruments include the Wide Field and Coronagraph Instrument, utilizing microlensing for exoplanet studies.**

9. Recently, which space organization announced plans to build the first railway station on the moon for efficient payload transportation?

- A. ISRO
- B. JAXA
- C. NASA
- D. CNSA



- ✓ **NASA announced FLOAT (Flexible Levitation on a Track), the first lunar railway system, aiming to transform cargo transfer on the Moon. FLOAT, part of NASA's Moon to Mars initiative, utilizes unpowered magnetic robots on a three-layer flexible film track. These robots levitate above the track, reducing wear from moon dust and offering dependable transportation for sustainable lunar colonies.**

10. Manika Batra is associated with which sports?

- A. Table Tennis
- B. Badminton
- C. Football
- D. Chess



- ✓ **Manika Batra, India's top women's table tennis player, achieved a historic milestone by entering the world's top 25 in Women's singles rankings, reaching a career-high of 24. She matched G Sathyan's record for the highest rank achieved by an Indian in singles table tennis. Following her performance in the Saudi Smash tournament, she climbed 15 spots, reaching the quarterfinals. Batra, a gold medallist at the 2018 Commonwealth Games, continues to shine on the global stage.**

11. IndiaSkills Competition 2024, the country's biggest skilling program, recently started at which place?

- A. Hyderabad
- B. Kolkata
- C. New Delhi
- D. Chennai



- ✓ **IndiaSkills 2024, the nation's largest skill competition, kicked off in New Delhi on May 15, 2024, at Yashobhoomi, Dwarka. Organized by NSDC under MSDE, it spans 61 categories, testing skills nationwide until May 18. This biennial event enjoys broad support from state governments, industry, SSCs, SSDMs, corporates, and partner institutes. It provides a crucial platform for youth to exhibit their talents nationally and internationally.**

12. Recently, the government of India has announced humanitarian assistance worth \$ 1 million to which country?

- A. Rwanda
- B. Somalia
- C. Kenya
- D. Uganda



- ✓ **India pledges \$1 million in humanitarian aid to Kenya to alleviate the aftermath of deadly floods, claiming 267 lives and displacing over 380,000 people. The assistance includes 22 tons of supplies like tents, blankets, and hygiene kits, dispatched via an Indian Air Force plane. Additionally, 18 tons of medical aid, including life-saving drugs and surgical equipment, aim to address urgent healthcare needs of flood-affected Kenyans.**

13. Indian Cyber Crime Coordination Centre is operated under which ministry?

- A. Ministry of Defence
- B. Ministry of Power
- C. Ministry of Home Affairs
- D. Ministry of Urban Development



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS

- ✓ The Indian Cyber Crime Coordination Centre (I4C), with support from Microsoft, blocked over 1,000 Skype IDs involved in cybercrimes like blackmail and extortion. I4C operates under the Ministry of Home Affairs to address cybercrime nationwide, enhancing coordination among law enforcement agencies. Located in New Delhi, it aims to combat cyber threats and protect citizens.

14. Exercise Tarkash, a joint counter terrorism exercise, recently held between which two countries?

- A. India & Australia
- B. India & US
- C. India & Egypt
- D. Nepal & China



- ✓ The India-US joint urban counter terrorism exercise, involving the NSG and US SOF, concludes in Kolkata, the seventh edition. Started on April 22, 2024, following the previous edition in Chennai, January 2023. Focuses on building relations and interoperability between forces. Aims at enhancing bilateral cooperation in combating terrorism, including sharing tactics and procedures for urban operations like close quarter battles and hostage rescues.

15. According to data released by Tea Board of India (TBI), tea production across the tea estates of Assam and Bengal may fall by what percent?

- A. 25%
- B. 50%
- C. 75%
- D. 20%



- ✓ Tea production in Assam and West Bengal could drop by 50% per TBI data. The Tea Board of India (TBI), established in 1954 under the Tea Act, 1953, operates under the Ministry of Commerce with headquarters in Kolkata. It boasts overseas offices in London, Dubai, and Moscow. With 31 members, including the Chairman, it's reconstituted every three years. Major tea-growing regions include Assam, West Bengal, Tamil Nadu, Kerala, Karnataka, Andhra Pradesh, Tripura, and Himachal Pradesh.

16. Recently, where was the Indian Air Force (IAF) tested the airdrop of the indigenous mobile hospital, Bhishma Cube?

- A. Agra
- B. Thanjavur
- C. Varanasi
- D. Kozhikode



- ✓ **The Indian Air Force recently tested the airdrop of the indigenous mobile hospital, Bhishma Cube, in Agra. The Bhishma Cube is a portable, waterproof, and lightweight cube that can be deployed quickly in various emergency scenarios, including airdrops and ground transportation. The cubes are designed to treat injuries such as bullet wounds, severe burns, head injuries, and spinal fractures.**

17. Recently, which state has initiated bio-energy projects to use pine needles for generating electricity?

- A. Himachal Pradesh
- B. Uttarakhand
- C. Odisha
- D. Gujarat



- ✓ **Uttarakhand Renewable Energy Development Agency (UREDA) initiated bio-energy projects in Uttarakhand to utilize pine needles for power generation, covering 16.36% of the state's forest area. These projects failed due to technology limitations. Chir pine forests produce 15 lakh tonnes of needles annually. Utilizing 40% could fulfill power needs and create employment.**

18. Recently, which organization has appointed David Salvagnini as its first chief AI officer?

- A. WMO
- B. ISRO
- C. NASA
- D. FAO



- ✓ **David Salvagnini, formerly NASA's chief data officer, is appointed as the new chief artificial intelligence (AI) officer. NASA leverages AI tools to support missions and research, analyze data, and develop autonomous systems for spacecraft and aircraft. According to NASA Administrator Bill Nelson, AI has long been safely utilized, accelerating discoveries.**

19. Sela Tunnel, recently recognised as India's highest tunnel by International Book of Honour, is located in which state?

- A. Arunachal Pradesh
- B. Himachal Pradesh
- C. Assam
- D. Sikkim



- ✓ BRO India celebrates as Sela Tunnel becomes the highest in the country, recognized by the International Book of Honour, England. The 2.598 Km long tunnel, situated at 13,000 ft on the Tezpur-Tawang Road, ensures year-round connectivity to the strategic Tawang Region, Arunachal Pradesh. Inaugurated by Prime Minister Narendra Modi on March 9, it's the world's longest twin-lane tunnel, vital for all-weather access to Tawang in Arunachal Pradesh.

20. Which armed force has recently launched Operation Sadbhavana in North Sikkim?

- A. Indian Army
- B. Indian Navy
- C. Sashastra Seema Bal
- D. Indian Air Force



- ✓ Under Operation Sadbhavana, Trishakti Corps of the Indian Army supported remote communities in Naga and Rangrang villages of North Sikkim. After a devastating glacial lake outburst flood (GLOF), relief materials were distributed, symbolizing solidarity. A medical camp served over 150 patients, and educational sessions engaged local youths under the Agniveer Scheme. These efforts underscore the Army's commitment to community development, fostering harmony, and strengthening bonds with border populations.

21. Which bank has recently launched Pixel Pay, India's first Virtual Credit Card?

- A. Bank of Baroda
- B. Indian Bank
- C. HDFC Bank
- D. Axis Bank



- ✓ HDFC Bank introduces Pixel Play, India's first virtual credit card in collaboration with Visa. Available in two variants, Pixel Play and Pixel Go, it allows users to customize cards based on lifestyle & preferred merchants via the PayZapp app. Featuring streamlined digital management, card controls, rewards & EMI dashboards, HDFC Bank redefines banking experiences.

22. Recently, which company became the first in the world to get ISO certification for its AI Management System?

- A. Infosys
- B. Google
- C. Microsoft
- D. Meta



- ✓ Infosys achieves ISO 42001:2023 certification for its AI management systems. TÜV India, under TÜV Nord Group, grants the certification, recognizing Infosys as one of the pioneering IT service firms to adopt responsible AI practices. The Artificial Intelligence Management System (AIMS) framework ensures regulatory compliance, fostering accountability and efficiency in AI endeavors.

23. Recently, which institute discovered an eco-friendly solution for treating muddy river water?

- A. Indian Institute of Science Education and Research, Bhopal
- B. Indian Institute of Petroleum & Energy, Visakhapatnam
- C. Indian Institute of Science, Bengaluru
- D. Indian institute of Technology, Kanpur



- ✓ **The Indian Institute of Petroleum & Energy (IIPE) in Visakhapatnam, in collaboration with other research institutions, has recently discovered an eco-friendly solution for treating muddy river water. The solution is called the "Surface Modification Technique of Membrane".**

24. Which day is celebrated as International Day of Light every year?

- A. May.15
- B. May.16
- C. May.17
- D. May.18



- ✓ **The International Day of Light, established by UNESCO, celebrates light's impact on society and technology. May 16th marks its observance, commemorating Theodore Maiman's 1960 laser breakthrough. In 2024, themed "Light in Our Lives," it highlights light's guiding role. Originating from the 2015 UN International Year of Light, IDL was celebrated by UNESCO by first in 2018.**

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1. Recently, who won the gold medal in men's javelin throw at the 27th Federation Cup senior national competition in Bhubaneshwar?

- A. Neeraj Chopra
- B. Kishore Jena
- C. Vikas Yadav
- D. Manjinder Singh



- ✓ **Neeraj Chopra, Olympic champion, clinched gold in his first home competition in three years at the 27th Federation Cup in Bhubaneswar on May 15. Despite a hero's welcome in Odisha, he expressed dissatisfaction with his performance in the men's javelin final, despite claiming the top spot on the podium.**

2. Which country recently unveiled the world's first 6G device?

- A. Japan
- B. China
- C. Russia
- D. India



- ✓ **A Japanese consortium unveiled the world's first high-speed 6G prototype gadget, surpassing 5G by 20 times. Developed by DOCOMO, NTT, NEC, and Fujitsu, it can transmit data over 300 feet at 100 Gbps, tested successfully indoors and outdoors. However, 6G is still in developmental stages and not ready for commercial use. Despite its impressive speeds, there are inherent drawbacks in network technology.**

3. What is 'Ligdus garvale'?

- A. Aircraft carrier
- B. New species of jumping spider
- C. New species of frog
- D. Invasive weed



- ✓ **A team of naturalists discovered a new jumping spider species, Ligdus Garvale, in Garvale village, Karnataka's Kodagu district. Surrounded by agroforestry, the village hosts coffee, pepper, and paddy fields. Ligdus Garvale is only the second recorded Ligdus genus instance in 129 years, with the first being Ligdus Chelifer from Myanmar in 1895.**

4. Kadar tribes mainly belongs to which region of India?

- A. North Eastern India
- B. Southern India
- C. Western Ghats
- D. Northern India



- ✓ **The recent death of a Kadar tribesman in Tamil Nadu's Anamalai Tiger Reserve due to an elephant attack has shocked indigenous communities and conservationists. Kadars, a small tribal group in South India, have historically coexisted with wild elephants. They are traditional forest dwellers, residing along the border of Cochin in Kerala and Coimbatore in Tamil Nadu. They rely on forest resources for sustenance, practicing specialized trades like honey collection for trade.**

5. 'TAK-003', a live attenuated dengue vaccine, is developed by which country?

- A. Japan
- B. Greece
- C. Mexico
- D. Indonesia



- ✓ **TAK-003, developed by Japan's Takeda, is a live-attenuated dengue vaccine containing weakened strains of all four virus serotypes. It's WHO prequalified, the second dengue vaccine after CYD-TDV. Recommended for children aged 6-16 in high-burden, high-transmission areas, it aims to combat dengue.**

6. Bulava intercontinental ballistic missile is developed by which country?

- A. China
- B. Japan
- C. Russia
- D. India



- ✓ **Russian President has fortified the nation's military by introducing the Bulava, a new nuclear-capable missile, into the arsenal. The RSM-56 Bulava, designed by the Moscow Institute of Thermal Technology, is a three-stage solid-propellant submarine-launched intercontinental ballistic missile (ICBM). It measures 12.1 meters in length, 2 meters in diameter, with a launch mass of 36.8 tonnes. Capable of carrying up to 10 MIRVs, it boasts a range of 8,300 km and in-flight maneuverability for enhanced accuracy.**

7. Global Report on Internal Displacement (GRID) 2024, recently published by which organization?

- A. International Organization for Migration
- B. Geneva based Internal Displacement Monitoring Centre
- C. World Meteorological Organization
- D. World Bank



- ✓ In 2023, global internal displacement rose to 75.9 million from 71.1 million the year before, as per the Global Report on Internal Displacement 2024 (GRID-2024) by the Geneva-based IDMC. The report cites 7.7 million displaced by disasters, a quarter due to earthquakes, and 68.3 million by conflict. Sudan, Syria, DRC, Colombia, and Yemen house nearly half of IDPs.

8. Recently, which organization has been honored with the prestigious Geospatial World Forum (GWF) Leadership Award for "Public Policy: Enabling Industry Development"?

- A. BHEL
- B. BARC
- C. DRDO
- D. IN-SPACE



- ✓ IN-SPACE, India's National Space Promotion and Authorization Centre, received the Geospatial World Forum Leadership Award for "Public Policy: Enabling Industry Development" at the 2024 event in Rotterdam. Rajeev Jyoti and Kriti Khatri accepted the honor on behalf of IN-SPACE. The award recognizes their groundbreaking efforts in advancing India's space sector and supporting non-government entities.

9. Igla- S defence system is developed by which country?

- A. Russia
- B. China
- C. Israel
- D. Japan



- ✓ The Indian Army is set to receive new Russian Igla-S VSHORAD systems by May's end. Developed by Russia, it's a handheld MANPADS for individual or crew use, targeting low-flying aircraft, cruise missiles, and drones. Components include the 9M342 missile, 9P522 launching mechanism, and others. With a range of 500m to 6km and altitude capability of 3.5km.

10. Tele-MANAS is an initiative of which ministry?

- A. Ministry of AYUSH
- B. Ministry of Chemicals and Fertilizers
- C. Ministry of Agriculture and Farmers Welfare
- D. Ministry of Health and Family Welfare

- ✓ **Tele MANAS, an initiative of the Ministry of Health and Family Welfare, offers free tele-mental health services nationwide, with 23 centers of excellence. Calls from ages 15–30 have surged, citing sleep issues, stress, low mood, fear of failure, and parental concerns. Nodal center: National Institute of Mental Health and Neuro Sciences (NIMHANS), supported by International Institute of Information Technology-Bangalore (IIITB).**

11. What is the name of operation recently launched by Uttarakhand police for smooth conduct of Kedarnath yatra?

- A. Operation Samridhi
- B. Operation Vikas
- C. Operation Maryada
- D. Operation Shakti



- ✓ **Uttarakhand Police initiates "Operation Maryada" amidst the influx of devotees for the Char Dham Yatra in Kedarnath. The operation aims to uphold decency and purity during the journey, targeting misconduct and substance consumption. This crackdown aims to ensure sanctity and orderliness in the pilgrimage.**

12. What is the theme of 'National Dengue Day 2024'?

- A. Dengue Prevention: Our Responsibility for a Safer Tomorrow
- B. Fight Dengue, Save Lives
- C. Effective Community Engagement: Key to Dengue Control
- D. Fight Against Dengue



- ✓ **National Dengue Day, observed annually on May 16, highlights the severity of dengue fever, a potentially fatal mosquito-borne disease affecting millions globally. In 2024, the theme, "Dengue Prevention: Our Responsibility for a Safer Tomorrow," underscores the importance of community engagement in combating the disease.**
- ✓ **The initiative aims to raise awareness and promote proactive measures to control dengue outbreaks, emphasizing collective responsibility for public health and safety.**

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1. Sunil Chhetri, who recently announced his retirement, belongs to which sports?

- A. Basketball
- B. Football
- C. Baseball
- D. Hockey



- ✓ **Sunil Chhetri, India's revered football star, will retire from international football after India's match against Kuwait on June 6, 2024, concluding his illustrious career. As the captain of the Blue Tigers, he's been a pivotal figure, known for wearing Jersey No. 9. Chhetri, hailing from Secunderabad, debuted professionally with Mohun Bagan in 2002 and played internationally since 2005.**

2. Which country was declared the host of the Women's World Cup 2027?

- A. Brazil
- B. India
- C. Australia
- D. South Africa



- ✓ **Brazil was declared the host of the 2027 Women's World Cup at the FIFA Congress, beating the joint bid of Belgium, Netherlands, and Germany. Brazil secured 119 votes against 78 for the European bid. The decision followed a FIFA technical evaluation favoring Brazil. The U.S. and Mexico had withdrawn their joint bid to focus on the 2031 tournament.**

3. According to a recent report released by the NOAA, how much of the world's coral reefs have bleached in the past year?

- A. 55%
- B. 60%
- C. 70%
- D. 80%



- ✓ **According to the United States National Oceanic and Atmospheric Administration (NOAA), 60% of the world's coral reefs have experienced heat stress severe enough to cause bleaching in the past 12 months, which is a record. This is the fourth mass coral bleaching event on record, with the previous three occurring between 1998 and 2017. Bleaching can make reefs more vulnerable to disease and harm the biodiversity they support.**

4. Recently, where was the 'India's Progressive Path in the Administration of Criminal Justice System' conference held?

- A. Chennai
- B. New Delhi
- C. Guwahati
- D. Bhopal



- ✓ The Union Ministry of Law and Justice, with the Assam Government, organized a conference titled 'India's Progressive Path in the Administration of Criminal Justice System' in Guwahati on May 18-19, 2024, to discuss recent changes in India's criminal justice system.
- ✓ The event highlighted three new laws: Bharatiya Nyaya Sanhita, Bharatiya Nagarik Suraksha Sanhita, and Bharatiya Sakshya Adhiniyam, replacing outdated British-era laws. These laws will be implemented on July 1, 2024.

5. What is the theme of 'World Telecommunication and Information Society Day 2024'?

- A. Digital technologies for Older Persons and Healthy Ageing
- B. Digital Innovation for Sustainable Development
- C. Accelerating digital transformation in challenging times
- D. Connect 2030: ICTs for the Sustainable Development Goals (SDGs)



- ✓ World Telecommunication and Information Society Day is observed on May 17 annually to explore the use of ICT and the Internet in societies and to address the digital divide. Each year, the ITU selects a theme; for 2024, it is "Digital Innovation for Sustainable Development." Sustainable development, as defined by the 1987 Brundtland Commission report, aims to meet present needs without compromising future generations' ability to do the same.

6. Recently, where was the third session of the India-Zimbabwe Joint Trade Committee (JTC) held?

- A. New Delhi
- B. Chennai
- C. Hyderabad
- D. Bengaluru



- ✓ The Third Session of the India-Zimbabwe Joint Trade Committee was held in New Delhi from May 13-14, 2024. Co-chaired by India's Priya P. Nair and Zimbabwe's Rudo M. Faranisi, the session focused on enhancing bilateral trade, investment, and cooperation in various sectors such as healthcare, renewable energy, and digital economy. Both sides agreed to explore MoUs for regulatory cooperation and to strengthen ties between investment promotion agencies and chambers of commerce.

7. Recently, where was the 12th India-Mongolia Joint Working Group meeting on defence held?

- A. Darkhan
- B. Bengaluru
- C. Ulaanbaatar
- D. New Delhi



- ✓ The 12th Joint Working Group (JWG) of Indian and Mongolian defence ministers met in Ulaanbaatar on May 16-17, 2024, as part of their annual meetings. Indian delegation led by Amitabh Prasad, Joint Secretary of Defence, and Mongolian delegation by Brigadier General Gankhuyag Davagdorj. Discussions included bilateral cooperation, Indian Armed Forces capabilities, and potential collaboration in defence manufacturing. Both sides expressed satisfaction with ongoing cooperation and pledged to enhance it further.

8. Which day is observed as 'World Hypertension Day' every year?

- A. 16.May
- B. 17.May
- C. 18.May
- D. 19.May



- ✓ World Hypertension Day, observed on 17 May, raises awareness about hypertension, a silent but deadly health issue increasing risks of heart attacks, stroke, and renal failure. Initiated by the World Hypertension League on 14 May 2005 and shifted to 17 May from 2006, its goal is to inform the public on hypertension's risks and management. The 2024 theme is "Measure Your Blood Pressure Accurately, Control It, Live Longer!"

9. Ambaji White Marble, recently awarded a GI tag, is predominantly quarried from which state?

- A. Rajasthan
- B. Gujarat
- C. Maharashtra
- D. Madhya Pradesh



- ✓ Marble mined in Ambaji, Gujarat, has received the Geographical Indication (GI) tag from the Central Government. Known as Ambaji White Marble, it is renowned for its pristine white color with unique gray or beige veining. This marble is durable, long-lasting, and has a smooth, polished surface, making it popular for luxury architectural projects, sculptures, and monuments.

10. What is 'Deda method'?

- A. A paddy cultivation method in Northern India
- B. A method of preserving seeds by Muria tribes
- C. A traditional irrigation technique
- D. An ancient medicinal practice to cure Malaria



- ✓ A Muria tribal farmer from Chhattisgarh, settled in the Godavari Valley, uses the traditional 'deda' method to preserve seeds. Seeds are wrapped in Siali leaves, layered with wood ash and lemon leaves, and sealed airtight. Each deda supports 5kg of seeds, protecting them from pests and preserving viability for up to five years. This method is effective for pulses like green gram, red gram, black gram, and beans.

11. Which ministry has recently taken a significant step towards promoting cleanliness and environmental sustainability by launching Swachhata Pakhwada?

- A. Ministry of Development of North Eastern Region
- B. Ministry of Health and Family Welfare
- C. Ministry of Rural Development
- D. Ministry of Environment, Forest and Climate Change



MINISTRY OF DEVELOPMENT OF
NORTH EASTERN REGION

- ✓ The Ministry of Development of North Eastern Region launched Swachhata Pakhwada from May 16 to 31, 2024, under the Swachh Bharat Mission. Initiated in April 2016, this initiative focuses on cleanliness and sustainability by engaging central government ministries and departments. Ministries, termed 'Swachhata Ministries,' follow a pre-circulated annual calendar and are monitored via Swachhata Samiksha to ensure significant improvements.

12. PREFIRE Polar Mission is developed by which space organization?

- A. JAXA
- B. ISRO
- C. NASA
- D. ESA



- ✓ NASA's PREFIRE polar mission, launching from New Zealand on May 22, involves twin satellites measuring Earth's poles six hours apart. The mission aims to reveal the full spectrum of heat loss from polar regions, improving climate models. PREFIRE will address knowledge gaps, enhancing predictions of climate change and sea level rise by providing new data on how Earth's atmosphere and ice influence heat radiation from the Arctic and Antarctic.

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1. What is the theme of National Endangered Species Day 2024?

- A. Wildlife Without Borders
- B. Celebrate Saving Species
- C. Recovering key species for ecosystem restoration
- D. Sustaining all life on Earth



- ✓ **National Endangered Species Day, observed on May 17th in 2024, highlights the importance of protecting endangered species. Established annually on the third Friday of May, it raises awareness about the plight of endangered species. Conceived by David Robinson, a senior staff member at the Endangered Species Coalition, this year's theme, "Celebrate Saving Species".**

2. Recently, which country has successfully conducted a training launch of the guided multi launch rocket system 'Fatah-II'?

- A. Pakistan
- B. China
- C. Japan
- D. Iran



- ✓ **Pakistan successfully tested its indigenous guided multi-launch rocket system, 'Fatah-II', with a 400-kilometer range. Equipped with advanced avionics and navigation, it ensures high-precision targeting. The Inter-Services Public Relations (ISPR) stated the system's capabilities. Senior military officers and scientists witnessed the launch. 'Fatah-II' signifies Pakistan's advancement in defense technology, enhancing its strategic capabilities.**

3. What is the theme of 'World Bee Day 2024'?

- A. Bee engaged – Build Back Better for Bees
- B. Bee Engaged: Celebrating the diversity of bees
- C. Bee Engaged with Youth
- D. Bee Engaged in Pollinator-Friendly Agricultural Production



- ✓ **World Bee Day, observed on May 20, marks Anton Janša's birth anniversary, a beekeeping pioneer. Established by the UN in 2017, it highlights bees' crucial roles in food security, biodiversity, and sustainable agriculture. The 2024 theme, "Bee engaged with Youth," focuses on involving young people in bee conservation efforts to protect these essential pollinators.**

4. Ebrahim Raisi, who recently passed away in helicopter crash, was the President of which country?

- A. Vietnam
- B. Egypt
- C. Iraq
- D. Iran



- ✓ On May 19, 2024, Iran's President Ebrahim Raisi tragically died in a helicopter crash in northwestern Iran. Raisi, a significant political figure and potential successor to Supreme Leader Ayatollah Ali Khamenei, was viewed as pivotal in Iran's leadership.

5. Nikhat Zareen, who recently won gold medal at Elorda Cup 2024, belongs to which sports?

- A. Wrestling
- B. Boxing
- C. Chess
- D. Badminton



- ✓ Nikhat Zareen and Minakshi won gold medals for India at the 3rd Elorda Cup 2024 in Astana, Kazakhstan. Zareen defeated Kazakhstan's Zhazira Urakbayeva in the 52 kg category, while Minakshi overcame Uzbekistan's Saidakhon Rakhmonova in the 48 kg category. India's 21-member boxing contingent secured a total of 12 medals: 2 gold, 2 silver, and 8 bronze.

6. Spiti Valley is located in which state?

- A. Arunachal Pradesh
- B. Himachal Pradesh
- C. Nagaland
- D. Sikkim



- ✓ Due to rising temperatures, apple cultivation has become viable in Spiti Valley, Himachal Pradesh, at elevations up to 3,400 meters. Farmers are shifting from barley and potatoes to apples, which are economically significant. In 2023-24, Spiti Valley produced apples worth Rs 34 crore. Apples, a temperate fruit, originated in the Middle East over 4000 years ago. China is the largest apple producer globally.

7. Recently, where was the 2nd edition of India- Australia- Indonesia Trilateral Maritime Security Workshop (TMSW) conducted?

- A. Kochi
- B. Chennai
- C. Varanasi
- D. Bengaluru



- ✓ The 2nd India-Australia-Indonesia Trilateral Maritime Security Workshop was held from May 15-17, 2024, at INS Dronacharya, Kochi, India. The theme was 'Indian Ocean Region: Collaborative Efforts to Enhance Regional Maritime Security'.
- ✓ Chaired by senior naval officials from the three countries, discussions focused on maritime security challenges, Information Exchange mechanisms, Maritime Domain Awareness, and enhancing interoperability among the navies. The workshop aimed at fostering cooperation to address present-day maritime threats in the Indian Ocean Region.

8. What is 'SPECULOOS-3 b'?

- A. Earth-size exoplanet
- B. Submarine
- C. Aircraft carrier
- D. Invasive plant



- ✓ Astronomers found SPECULOOS-3b, an Earth-sized planet, orbiting an ultra-cool red dwarf star 55 light-years from Earth. The star emits light 100 times dimmer than the sun, with half the temperature, making SPECULOOS-3b the second planet of its kind found around such a star. It lacks an atmosphere, receiving 16 times more energy than Earth. It takes 17 hours to orbit and is likely tidally locked, with one side in perpetual daylight and the other in darkness.

9. Which organization recently unveiled the carbon reduction initiative of SFO Technologies?

- A. DRDO
- B. BHEL
- C. ISRO
- D. CSIR



- ✓ ISRO Chairman S Somanath unveiled SFO Technologies' carbon reduction initiative, aiming for a 50% reduction by 2035 and zero emissions by 2040. At NeST HiTek Park, he planted a sapling and unveiled a Chandrayaan replica, highlighting SFO's cooperation with ISRO.

10. What is the theme of 'International Museum Day 2024'?

- A. Future of Museums: Recover and Reimagine
- B. The Power of Museums
- C. Museums for Education and Research
- D. Sustainability and Well-being



- ✓ International Museum Day is celebrated annually on May 18 to highlight museums' societal roles. Established by the International Council of Museums (ICOM) in 1977, the first theme was introduced in 1992. The 2024 theme is "Museums for Education and Research."

11. Phawngpui National Park is located in which state?

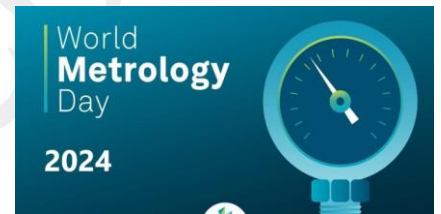
- A. Sikkim
- B. Assam
- C. Mizoram
- D. Manipur



- ✓ A new hemi-parasitic terrestrial plant, *Phtheirospermum lushaiorum*, was discovered in Mizoram's Phawngpui National Park. Lacking a fully developed root system, it connects to host plants for water and minerals but can photosynthesize and grow independently to some extent. Flowering occurs from July to September, with fruits produced from August to October. The species is named after the Lushai tribe of Mizoram.

12. Which day is observed as 'World Metrology Day' every year?

- A. May.18
- B. May.19
- C. May.20
- D. May.21



- ✓ World Metrology Day, celebrated on May 20, marks the 1875 Metre Convention signing, establishing a global measurement system. The 2024 theme, "Sustainability," emphasizes the role of measurements in fostering a sustainable economy and environment. Key applications include monitoring energy use, managing agricultural resources, identifying pollution sources, and regulating vehicle emissions.

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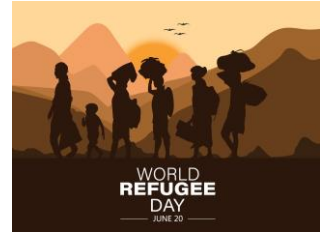
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1. Which day is observed as 'World Refugee Day' every year?

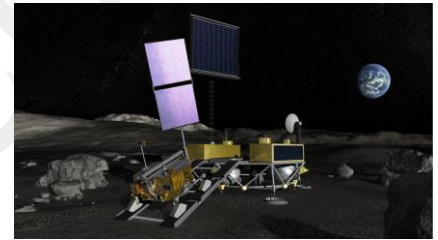
- A. May.20
- B. May.21
- C. May.22
- D. May.23



- ✓ **World Refugee Day, observed on May 20, raises awareness about refugees displaced by war, persecution, and economic factors. Originating from African Refugee Day in 1975, the UN adopted it in 2000. The first World Refugee Day was in 2001, coinciding with the 50th anniversary of the 1951 Refugee Convention and 1967 Protocol. The 2024 theme is "Hope Away from Home."**

2. Lunar Polar Exploration Mission (LUPEX) is a joint mission of which two space organizations?

- A. ISRO and JAXA
- B. NASA and ISRO
- C. ESA and ISRO
- D. ISRO and CNSA



- ✓ **The India-Japan partnership is gearing up for the Lunar Polar Exploration Mission (LUPEX), set to launch in 2025 aboard Japan's H3 rocket. Coordinated by ISRO and JAXA, the mission aims to explore the moon's southern polar region, particularly focusing on water presence. It showcases advanced surface exploration tech, with a rover searching autonomously for water and sampling soil.**

3. Which organization recently released its updated Bacterial Priority Pathogens List (BPPL) 2024?

- A. World Health Organisation
- B. Global Alliance for Chronic Diseases
- C. United Nations International Children's Fund
- D. United Nations Development Programme



- ✓ **The World Health Organization (WHO) released its updated Bacterial Priority Pathogens List (BPPL) 2024, aiding the fight against antimicrobial resistance.**
- ✓ **Originally launched in 2017 with 13 pathogens, the 2024 list now includes 24, categorized into critical, high, and medium priority groups. Developed using the multi-criteria decision analysis (MCDA) method, it guides investment in research and development (R&D) and public health interventions to combat antibiotic-resistant bacterial pathogens.**

4. An endangered species, Red Panda was recently spotted in which wildlife sanctuary of Arunachal Pradesh?

- A. Talle Valley Wildlife Sanctuary
- B. Eaglenest Wildlife Sanctuary
- C. Kamlang Wildlife Sanctuary
- D. Dibang Wildlife Sanctuary



- ✓ A red panda was recently sighted in Eaglenest Wildlife Sanctuary, Arunachal Pradesh. This herbivore species uses its bushy tail for balance and warmth. It's shy, arboreal, and an ecological indicator. Resembling a house cat, it inhabits mountainous forests across Bhutan, China, India, Myanmar, and Nepal, with half its habitat in the Eastern Himalayas. Threatened by habitat loss, it's classified as Endangered by IUCN, listed on CITES Appendix I, and protected under India's Wildlife Protection Act 1972.

5. Which two Indian players recently won the Thailand Open 2024 badminton men's doubles title?

- A. HS Prannoy and Lakshya Sen
- B. Satwiksairaj Rankireddy and Chirag Shetty
- C. Sai Praneeth and Sameer Verma
- D. Nikhil Kanetkar and Dhruv Kapila



- ✓ Satwiksairaj Rankireddy and Chirag Shetty, ranked world no 3, clinched the Thailand Open 2024 men's doubles title by defeating Chen Bo Yang and Liu Yi. The Indian duo won 21-15, 21-15 in 46 minutes at Bangkok's Nimibutr Stadium. This marks their second title of 2024, following their victory at the French Open. It's also their second Thailand Open win.

6. Recently, who has won 2024 Italian Open title in the women's category?

- A. Y. Putintseva
- B. Iga Swiatek
- C. C. Gauff
- D. Aryna Sabalenka



- ✓ Alexander Zverev won his second Italian Open singles title, while world no 1 Iga Swiatek claimed her third Italian Open title. Swiatek defeated Aryna Sabalenka in straight sets, 6-2, 6-3, to win her 21st career title. This marks Swiatek's third Italian Open victory in the last four years.

7. Which day is observed as National Anti-Terrorism Day annually?

- A. May.20
- B. May.21
- C. May.22
- D. May.23



- ✓ **Anti-Terrorism Day in India commemorates the assassination of former Prime Minister Rajiv Gandhi, who was killed by an LTTE suicide bomber on May 21, 1991, in Sriperumbudur. This day highlights the nation's commitment to combating terrorism and promoting peace, unity, and security. It encourages citizens to stand united against divisive and violent forces, reinforcing India's resolve to maintain national and global stability.**

8. Recently, which Indian created history by becoming the first Indian space tourist?

- A. Ashutosh Sharma
B. Gopi Thotakura
C. Akhilesh Gupta
D. Balram Bhargava



- ✓ **Gopi Thotakura, an Indian expatriate, became the first Indian space tourist and the second Indian in space on Blue Origin's NS-25 mission. The mission, New Shepard's seventh human spaceflight, included six crew members, among them Gopi Thotakura. The crew also featured historical figure Ed Dwight, the first black astronaut candidate selected by President Kennedy.**

9. R21/Matrix-M vaccine is developed for the prevention of which disease?

- A. Dengue
B. Smallpox
C. Malaria
D. Mumps



- ✓ **The Serum Institute of India (SII) has begun exporting the 'R21/Matrix-M' malaria vaccine to Africa to combat the disease. This new vaccine, recommended by WHO, joins the RTS, S/AS01 vaccine. Developed by Oxford University's Jenner Institute and SII, it received support from EDCTP, Wellcome Trust, and EIB. Affordable and effective, it's approved for children and licensed in multiple African countries, marking a significant step in global malaria prevention efforts.**

10. Which Indian para athlete created a world record of 55.06 seconds in the women's 400m T20 category, at the ongoing Para Athletics World Championship 2024 in Kobe, Japan?

- A. Deepthi Jeevanji
B. Palak Kohli
C. Ekta Bhyan
D. Deepa Malik



- ✓ **Indian para-athlete Deepthi Jeevanji set a world record of 55.06 seconds in the women's 400m T20 category at the Para Athletics World Championship 2024 in Kobe, Japan, winning gold.**

- ✓ She previously set a new Asian record in the qualifying round with 56.18 seconds. Jeevanji also won gold at the Asian Para Games 2023. Additionally, Yogesh Kathuniya won silver in the men's F56 discus throw with 41.80 meters.

11. What is the main purpose of the Copernicus Emergency Management Service Programme?

- A. Agricultural Research
- B. Disaster management
- C. Wildlife Conservation
- D. Urban planning



- ✓ In response to the crash of Iranian President Ebrahim Raisi's helicopter in East Azerbaijan, the European Union activated its Copernicus EMS mapping service. Named after Nicolaus Copernicus, the programme provides earth observation data since its launch in 1998. The Copernicus Emergency Management Service (EMS) Programme provides timely and accurate geo-spatial information to help manage natural disasters, man-made emergencies, and humanitarian crises.

12. Recently, which organization released a report titled 'Water for Shared Prosperity'?

- A. WHO
- B. UNEP
- C. World Bank
- D. IMF



- ✓ The World Bank unveiled "Water for Shared Prosperity" at the 10th World Water Forum in Bali, Indonesia, defining shared prosperity as equitable growth, especially for the poorest. It identifies four key pillars: human, social, and natural capital, and economic opportunities.
- ✓ The report highlights disparities in water access due to population growth, urbanization, and climate change. In 2022, 197 million lacked safe drinking water, 211 million lacked basic sanitation, with 450 million in high-poverty, low-water-access areas globally.

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1. What is the primary objective of the Scheme for Care and Support to Victims?

- A. To provide financial support for education
 - B. To offer integrated support and assistance to minor pregnant girl child victims
 - C. To provide vocational training to minor girls
 - D. To ensure safety and security in schools
- ✓ **There are many gaps in the Scheme for Care and Support to Victims. The Scheme for Care and Support to Victims by the Ministry of Women and Child Development aids minor pregnant girl child victims under the POCSO Act.**
- ✓ **Funded by the Nirbhaya Fund, it offers integrated support from case reporting until age 18, with possible aftercare until 23. Features include health insurance, legal aid, and financial assistance of ₹6,000 initially and ₹4,000 monthly under Mission Vatsalya.**

2. Recently, which prison received the Biodiversity Conservation Award, constituted by the Andhra Pradesh State Biodiversity Board (APSBB)?

- A. Kadapa Central Prison
 - B. Rajahmundry Central Prison
 - C. Nellore Central Prison
 - D. Visakhapatnam Central Prison
- ✓ **Rajahmundry Central Prison was honored with the Biodiversity Conservation Award by Andhra Pradesh State Biodiversity Board. The recognition applauds the prison's eco-friendly initiatives, including groundwater preservation, natural farming, and crafting with natural materials. State Biodiversity Boards, mandated by the Biological Diversity Act, 2002, are present in all states but not in Union territories, where the National Biodiversity Authority acts as their counterpart.**



3. Emblica Chakrabarti, a new plant species, recently discovered in which district of Kerala?

- A. Ernakulam
 - B. Kozhikode
 - C. Kasaragod
 - D. Kollam
- ✓ **A new plant species, Emblica Chakrabarti, was found in Kerala's Ernakulam district, specifically in Adichilthotti within the Edamalayar forest range. Belonging to the Phyllanthaceae family, Emblica plants typically thrive as shrubs in tropical rainforests, reaching up to 2 meters in height. They flower and bear fruit from December to June. This discovery adds to the biodiversity of the region, highlighting its ecological significance.**



4. What is the rank of India in the World Economic Forum's Travel & Tourism Development Index 2024?

- A. 35
- B. 39
- C. 45
- D. 50



- ✓ In 2024, India rose to 39th place on the World Economic Forum's Travel & Tourism Development Index, indicating a post-pandemic tourism revival. The US tops the list, with India leading in South Asia and among lower-middle-income nations. Improved infrastructure and resources fuel India's travel sustainability. Previously 54th in 2021, changes in index parameters affect comparability. The top five includes US, Spain, Japan, France, and Australia.

5. Recently, which state government has reserved 33% of government contract jobs for women?

- A. Tamil Nadu
- B. Karnataka
- C. Maharashtra
- D. Kerala



- ✓ The Karnataka government mandates a 33% reservation for women in outsourced government services and posts, aligning with the existing quota policy for permanent positions. This reservation is within the stipulated quota for SC/ST and other backward communities, ensuring women's representation in outsourced jobs across various government departments and organizations.

6. What is the theme of 'International Day for Biological Diversity 2024'?

- A. Be part of the Plan
- B. We're part of the solution #ForNature
- C. From Agreement to Action: Build Back Biodiversity
- D. Building a shared future for all life



- ✓ Biodiversity, essential for human well-being, was first coined by Walter G Rosen in 1985. It faces threats like habitat loss, pollution, and climate change, leading to species extinction and ecosystem degradation. The 2024 International Day of Biodiversity on May 22 highlights the theme "Be Part of the Plan".

7. What is the primary objective of the PM-WANI scheme?

- A. To provide free laptops to students
- B. To provide affordable and high-speed internet connectivity to rural and remote areas
- C. To improve mobile network coverage in urban areas
- D. To promote digital payment systems



Prime Minister's Wi-Fi Access Network Interface

- ✓ **Public Wi-Fi hotspots under the Prime Minister Wi-Fi Access Network Interface (PM-WANI) scheme are nearing 200,000 in India. Launched in December 2020 by the Department of Telecommunications, PM-WANI aims to provide affordable, high-speed internet in rural and remote areas. The scheme establishes a public Wi-Fi network using Wi-Fi Access Points set up by Public Data Offices (PDOs), which operate on an open-architecture system, enabling multiple service providers to offer internet services.**

8. What is 'Naegleria Fowleri'?

- A. Amoeba
- B. Invasive weed
- C. Protein
- D. Asteroid



- ✓ **A girl from Malappuram, Kerala, recently died from a Naegleria fowleri infection. This amoeba, found in soil and warm freshwater, causes Primary Amoebic Meningoencephalitis (PAM) if it reaches the brain through the nose. Known as the "brain-eating amoeba," Naegleria fowleri infections are rare but almost always fatal, destroying brain tissue once infection occurs.**

9. Chandru G, who recently clinched the WBC India Cruiserweight Championship title, belongs to which state?

- A. Tamil Nadu
- B. Kerala
- C. Bihar
- D. Punjab



- ✓ **Tamil Nadu's Chandru G won the WBC India Cruiserweight Championship with a fourth-round knockout of Jaskaran Singh from Punjab. Chandru, entering with a 10-0 record, overcame a slow start and Jaskaran's height advantage. By the second round, he dominated with heavy combinations. A decisive right cross in the fourth round led to the referee stopping the fight. Chandru dedicated the victory to his supporters and Tamil Nadu.**

10. Gangamma Jatara, a folk festival, recently celebrated in which state?

- A. Odisha
- B. Kerala
- C. Andhra Pradesh
- D. Karnataka



- ✓ The week-long annual Gangamma Jatara folk festival, celebrated in the first half of May, is a significant event in Tirupati, Andhra Pradesh. Honoring Goddess Gangamma, believed to be Lord Venkateswara's younger sister, the festival attracts devotees to the Tataiahgunta Gangamma temple. Unique traditions include the Tirumala Tirupati Devasthanam sending a symbolic birthday gift, "Parisu," from Lord Venkateswara to Goddess Gangamma.

11. Recently, which country has hosted the 46th Antarctic Treaty Consultative Meeting in Kochi?

- A. India
- B. Australia
- C. France
- D. Russia



- ✓ India hosted the 46th Antarctic Treaty Consultative Meeting (ATCM 46) in Kochi, organized by the National Centre for Polar and Ocean Research and the Ministry of Earth Sciences. ATCM is an annual meeting of the 1959 Antarctic Treaty's signatories. India introduced a new working group to regulate tourism and protect Antarctica's ecosystem. Representatives from 56 member countries attended, marking India's first-time hosting since 2007.

12. Which ministry has recently proposed new rules for radar speed guns used to measure vehicle speeds on roads?

- A. Ministry of Consumer Affairs
- B. Ministry of MSME
- C. Ministry of Road Transport and Highways
- D. Ministry of Defence



- ✓ The Consumer Affairs Ministry has proposed new rules for radar speed guns. Radar equipment must be verified and stamped within a year of installation. Existing equipment requires re-verification when due.

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1. Recently, which country has become the 99th member of the International Solar Alliance (ISA)?

- A. Spain
- B. Morocco
- C. Algeria
- D. Brazil



- ✓ Spain has joined the International Solar Alliance (ISA) as its 99th member. The ratification was handed over in New Delhi by Ambassador José María Ridao Domínguez to Joint Secretary Abhishek Singh. The ISA, co-founded by India and France during COP21 in 2015, aims to promote solar energy deployment, enhancing energy access, security, and transition in member countries to combat climate change.

2. Recently, where was the first Asian Relay Championships 2024 held?

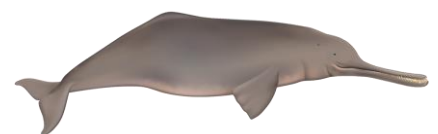
- A. Beirut, Lebanon
- B. Bangkok, Thailand
- C. Beijing, China
- D. New Delhi, India



- ✓ The Indian athletic contingent won three medals at the inaugural Asian Relay Championships in Bangkok, Thailand, held on May 20-21, 2024. The Indian team secured one gold in the 4×400-meter mixed relay, setting a national record of 3 minutes 14.1 seconds with Muhammed Ajmal, Jyothika Sri Dandi, Amoj Jacob, and Subha Venkatesan.
- ✓ The men's 4×400-meter relay team won silver, clocking 3 minutes 05.76 seconds, and the women's 4×400-meter relay team also secured silver with a time of 3 minutes 33.55 seconds. Sixteen countries participated, and this event was a qualifier for the 2024 Paris Olympics.

3. According to a recent report by the Wildlife Institute of India, which state has the maximum number of Gangetic dolphins in India?

- A. Uttarakhand
- B. Uttar Pradesh
- C. Bihar
- D. Madhya Pradesh



- ✓ According to the Wildlife Institute of India, about 4,000 dolphins inhabit the Ganga and its tributaries, with Uttar Pradesh home to approximately 2,000. To protect these dolphins, the UP government declared a Dolphin Sanctuary in Chambal, where 111 dolphins have been recorded.

- ✓ The Namami Gange initiative aims to stabilize and double the dolphin population by 2030, integrating pollution control, wetland conservation, and public participation. The river dolphin is a globally endangered species, thriving in various rivers like Ganga, Yamuna, and Chambal.

4. What is the name of the Indian-origin professor who has been awarded the 2024 Shaw Prize in Astronomy?

- A. Raghu Raj Bahadur
B. Abhijit Banerjee
C. Shrinivas R. Kulkarni
D. Ganesh Thakur



- ✓ Shrinivas R Kulkarni, an Indian-origin professor at Caltech, receives the 2024 Shaw Prize in Astronomy for groundbreaking contributions to the field. Recognized for his research on millisecond pulsars, gamma-ray bursts, and supernovae, Shrinivas R Kulkarni's work has advanced understanding of variable and transient celestial phenomena.

5. Recently, where was the 'Exercise Cyber Suraksha – 2024' held?

- A. Hyderabad
B. New Delhi
C. Chennai
D. Bengaluru



- ✓ Chief of Defence Staff Gen Anil Chauhan attended 'Exercise Cyber Suraksha – 2024' on May 22, emphasizing the need to strengthen India's cyber defence. Conducted by the Defence Cyber Agency from May 20-24 in New Delhi, the exercise aims to enhance cyber defence capabilities, promote collaboration, and unify cyber security efforts. Chauhan praised the initiative for fostering jointness among stakeholders to tackle emerging cyber threats effectively.

6. Saga Dawa, a Buddhist festival, recently celebrated in which state?

- A. Sikkim
B. Nagaland
C. Assam
D. Manipur



- ✓ Sikkim celebrated Saga Dawa, the 'Triple Blessed Festival', on May 23, 2023, coinciding with Buddha Purnima. This sacred Buddhist festival marks the birth, enlightenment, and passing of Buddha Shakyamuni. Celebrated on the 15th day of the fourth month of the Tibetan Buddhist calendar, Buddhists in Sikkim offer prayers in monasteries to honor these significant events in the life of Siddhartha Gautama as Lord Buddha.

7. Recently, who has become oldest woman to climb Mount Everest?

- A. Kami Rita
- B. Jyoti Ratre
- C. Sangeeta Bahl
- D. Premlata Agarwal



- ✓ **Jyoti Ratre, a 55-year-old entrepreneur and fitness enthusiast from Madhya Pradesh, became the oldest Indian woman to summit Mount Everest on May 19. Her achievement comes six years after Sangeeta Bahl's record. She has already conquered the highest peaks on five continents and aims to summit Mount Vinson and Denali to complete all seven.**

8. Recently, where was the 16th Meeting of India-UK Joint Working Group on Counter Terrorism held?

- A. London
- B. New Delhi
- C. Chennai
- D. Birmingham



- ✓ **The 16th India-UK Joint Working Group on Counter-Terrorism met in New Delhi, led by KD Dewal from India's Ministry of External Affairs and Chris Felton from the UK. They discussed ongoing counter-terrorism cooperation, emphasizing the need for strengthened international efforts.**
- ✓ **Both nations shared assessments of terrorist threats, including those from globally sanctioned entities and individuals, highlighting the importance of comprehensive and sustained counter-terrorism measures.**

9. Which Indian Navy ships recently completed their visit to Manila, Philippines as part of the Operational Deployment of the Indian Navy's Eastern Fleet to the South China Sea?

- A. INS Vikrant, INS Shardul, and INS Kesari
- B. INS Delhi, INS Shakti, and INS Kiltan
- C. INS Karanj, INS Vela, and INS Vagir
- D. INS Satpura, INS Betwa, and INS Kora



- ✓ **Indian Navy ships INS Delhi, INS Shakti, and INS Kiltan concluded their visit to Manila, Philippines, as part of the Indian Navy's Eastern Fleet deployment to the South China Sea. The Ministry of Defence highlighted the visit's significance, showcasing India's robust relations with the Philippines and its dedication to strengthening bilateral ties. Activities during the port call encompassed Subject Matter Expert Exchange (SMEE), sports events, cultural exchanges, cross-deck visits, and collaborative community outreach programs.**

10. Which public sector company was awarded with the third rank in the Talent Development category at the ATD BEST Awards 2024?

- A. NTPC
- B. NHPC
- C. REC
- D. SJVN



- ✓ **NTPC earned the third rank globally for Talent Development at the ATD BEST Awards 2024. The award, presented on May 21 in New Orleans, was accepted by Ms. Rachana Singh Bhal, NTPC's chief general manager of strategic HR & talent management. The ATD BEST Awards, established in 2003, recognize organizations excelling in employee development. NTPC, India's largest power sector company, was founded in 1975.**

11. Recently, United Nations General Assembly (UNGA) has proclaimed which day as the International Day of the Markhor?

- A. May.23
- B. May.24
- C. May.25
- D. May.26



- ✓ **The United Nations General Assembly designated May 24 as the International Day of the Markhor, following a resolution sponsored by Pakistan and eight other countries. This day aims to raise awareness and promote the conservation of the Markhor, an iconic and ecologically significant species native to the mountainous regions of Central and South Asia.**

12. Recently, which airport has made history by becoming the first airport in India to achieve the Zero Waste to Landfill (ZWL) accolade?

- A. Thiruvananthapuram International Airport
- B. Sardar Vallabhbhai Patel International Airport
- C. Rajiv Gandhi International Airport
- D. Chennai International Airport



- ✓ **Thiruvananthapuram International Airport is the first in India to achieve the Zero Waste to Landfill accolade from the Confederation of Indian Industry. The airport diverted 99.50% of waste from landfills, including 100% of plastic and municipal solid waste. This success was achieved through a robust value chain and the 5R principles: Reduce, Reuse, Reprocess, Recycle, and Recover, demonstrating exceptional waste management practices.**

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1. What is 'Planetary Alignment'?

- A. It is a term used to describe the positioning of planets in solar system
- B. A rare celestial event involving black hole
- C. It is used to describe about distance between earth and moon
- D. None of the above



- ✓ **Next month, on June 3, six planets—Mercury, Mars, Jupiter, Saturn, Uranus, and Neptune—will align in the sky. This alignment, an optical illusion of perspective, will be visible from Earth. Mars and Saturn will be visible to the naked eye, though dimly, while Uranus and Neptune will require telescopes or binoculars. Mercury and Jupiter will be hard to see due to their proximity to the Sun. Planetary alignment refers to the illusion of planets forming a line in space when viewed from a specific vantage point, rather than being perfectly aligned.**

2. Which day is observed as 'World Preeclampsia Day' annually?

- A. 22 May
- B. 23 May
- C. 24 May
- D. 25 May



- ✓ **World Preeclampsia Day, on May 22nd, raises awareness of the life-threatening pregnancy complication. Preeclampsia, occurring after the 20th week of pregnancy or postpartum, involves dangerously high blood pressure and organ issues. It stems from placental health problems. Symptoms include hypertension, protein in urine, and swelling. It poses risks to both mother and fetus, possibly leading to preterm birth or death**

3. Which country recently conducted a successful test of the ASMPA supersonic cruise missile?

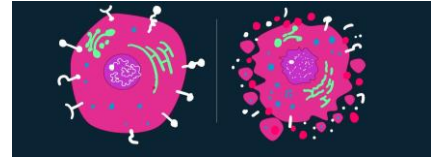
- A. Russia
- B. France
- C. Japan
- D. China



- ✓ **France recently achieved a milestone in defense with successful testing of ASMPA supersonic missile, capable of carrying a nuclear warhead. ASMP/ASMP-A is a land-attack supersonic cruise missile, vital to France's nuclear deterrence. ASMP-A, operational since 2009, has a range of 500 km and a 300 kt thermonuclear warhead. ASMPA-R, a renovated version, aims to enhance range and warhead capability.**

4. What is 'Ferroptosis'?

- A. Invasive plant
- B. A type of virus
- C. A form of regulated cell death
- D. A type of submarine



- ✓ A recent study reveals that ferroptosis drives COVID-19 lung disease. Ferroptosis, distinct from apoptosis, results from lipid peroxide buildup on cell membranes. This form of cell death relies on iron and involves reduced glutathione and glutathione peroxidase activity, amplifying lipid peroxidation. Understanding ferroptosis could offer insights into combating COVID-19 lung damage.

5. Mrugavani National Park is located in which state?

- A. Telangana
- B. Maharashtra
- C. Rajasthan
- D. Kerala



- ✓ Telangana Forest Department informed NGT that the area of MNP in Chilkur was reduced by 80 hectares on paper. NGT was hearing a case concerning extra high-tension electrical lines through the eco-sensitive zone. MNP, located in Hyderabad, Telangana, boasts tropical waterless deciduous forest, including Teak, Bamboo, and Sandal. Its fauna includes Spotted deer, Indian hare, forest cat, civet, Indian rat snake, Russell's viper, cheetal, and the flowerpecker bird.

6. What is the name of the Artificial Intelligence (AI) anchor, recently launched by Doordarshan on its DD Kisan channel?

- A. Kaveri and Saryu
- B. Vikas and Fasal
- C. Krish and Bhoomi
- D. Ganga and Vriksh



- ✓ India's public broadcaster Doordarshan's DD Kisan channel launched two AI anchors, Krish and Bhoomi. The channel, broadcasting in 50 languages, pioneers the use of AI anchors for agricultural updates, weather forecasts, and research news. These computer-based anchors, resembling humans, operate continuously without fatigue. This initiative mirrors global trends, following China's introduction of AI news anchors in 2018, and India's earlier introduction on Aaj Tak in 2023.

7. Arti, who recently received the Amal Clooney Women's Empowerment Award, belongs to which district of Uttar Pradesh?

- A. Unnao
- B. Raebareli
- C. Bahraich
- D. Saharanpur



- ✓ **Arti, an 18-year-old E-rickshaw driver from Uttar Pradesh's Bahraich district, received the Amal Clooney Women's Empowerment Award from King Charles III at Buckingham Palace. She arrived in her Pink E-rickshaw, provided under UP's Mission Shakti scheme. Sponsored by Prince Trust International, the award recognizes young women's achievements despite challenges.**

8. According to the World Steel Association, which is the only country among the world's top steel producing nations to see growth in production in April 2024?

- A. China
- B. India
- C. Russia
- D. Japan



- ✓ **India stands out as the only top-five crude steel-producing country to exhibit growth in April 2024, recording a 3.9% increase compared to April 2023, reaching 12.1 million tonnes. This growth contrasts with the global decline of 5.0%, totaling 155.7 million tonnes. China, the largest producer, experienced a 7.2% decrease, while Japan, the USA, and Russia also faced declines.**

9. Recently, which armed force conducted a 'Pollution Response Seminar & Mock Drill' in West Bengal?

- A. Indian Coast Guard
- B. Indian Air Force
- C. Indian Navy
- D. National Security Guard



- ✓ **Indian Coast Guard (ICG) hosts 'Pollution Response Seminar and Mock Drill' at Haldia, West Bengal on May 22-23, 2024. Key stakeholders and oil handling agencies collaborate to combat sea oil spills.**
- ✓ **Table-top exercises enhance response capabilities. State-of-the-art equipment demos improve readiness. Commander stresses synergy for effective implementation of National Oil Spill Disaster Contingency Plan. Collective responsibility to protect marine resources emphasized, reaffirming ICG commitment to safer seas and cleaner coasts.**

10. Dombivli Boiler Blast, a tragic incident, recently happened in which state?

- A. Tamil Nadu
- B. Kerala
- C. Maharashtra
- D. Gujarat



- ✓ A boiler blast at a Dombivli, Maharashtra chemical company killed 8 and injured 60. Over the past decade, India reported 130 significant chemical accidents, resulting in 259 deaths and 563 injuries, per NDMA. Notable incidents include the Bhopal Gas Tragedy (1984), Visakhapatnam Gas Leak (2020), Chennai Oil Spill (2017), and Neyveli Boiler Blast (2020). Key factors: poor safety regulations, lack of training, equipment failure, and inadequate emergency preparedness.

11. Recently, which organization successfully utilized the REJUPAVE road construction technology in Ladakh under Project Vijayak?

- A. National Highways Authority of India (NHAI)
- B. Indian Space Research Organisation (ISRO)
- C. Border Roads Organisation (BRO)
- D. Defence Research and Development Organisation (DRDO)



- ✓ In Ladakh, the BRO's Project Vijayak used REJUPAVE technology, developed by CSIR-CRRI, to build high-altitude bituminous roads on the Drass-Umbala-Sankoo Road in Drass, the world's second coldest inhabited place. REJUPAVE, made from biomass and renewable resources, reduces heating needs and maintains temperature during transit.

12. Recently, the world's first 100% biodegradable pen has been launched in which country?

- A. India
- B. Nepal
- C. Myanmar
- D. Bhutan



- ✓ Over 50 billion ballpoint pens are trashed yearly, with 95% made of plastic. Saurabh H Mehta from New Delhi created the world's first 100% biodegradable pen. He founded bioQ, focusing on eco-friendly stationery, and launched NOTE (No Offence to Earth) to eliminate plastic in pens. The NOTE pen features a recycled paper refill, non-toxic ink, and a removable metal tip, exploring materials like paper tubes, bamboo, and metal for its exterior.

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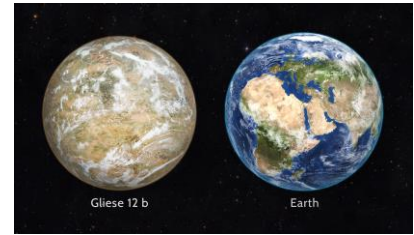
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1. What is 'Gliese 12 b'?

- A. Submarine
- B. Critical mineral
- C. Earth sized exoplanet
- D. A type of vaccine



- ✓ Astronomers, using NASA's TESS and other telescopes, have discovered Gliese 12b, a temperate, Earth-sized exoplanet orbiting the red dwarf Gliese 12 in Pisces, 40 light-years away. Gliese 12b, similar in size to Earth or Venus, has a mass 3.87 times that of Earth and orbits its star every 12.8 days. It receives 1.6 times more energy than Earth and has an estimated surface temperature of 107°F (42°C).

2. Which day is observed as 'World Thyroid Day' annually?

- A. 22 May
- B. 23 May
- C. 24 May
- D. 25 May



- ✓ World Thyroid Day, annually on May 25th, raises awareness about the thyroid gland and related conditions. The thyroid, a butterfly-shaped gland near the neck's base, regulates vital functions by releasing thyroid hormones (T4 and T3). These hormones influence metabolism, body temperature, heart rate, and protein production. Thyroid disorders, common in women but affecting all ages and genders, include Hypothyroidism (underactive thyroid) and Hyperthyroidism (overactive thyroid), impacting hormone production.

3. Sathyamangalam Tiger Reserve is located in which state?

- A. Tamil Nadu
- B. Maharashtra
- C. Odisha
- D. Gujarat



- ✓ The Tamil Nadu Forest Department has initiated a three-day elephant census at Sathyamangalam Tiger Reserve, located at the junction of Eastern and Western Ghats in the Nilgiri Biosphere Reserve. It spans 1,411.6 sq km, declared a tiger reserve in 2013, fostering a continuous habitat for tigers and other wildlife. The reserve boasts the world's largest tiger population, over 280 tigers, and is home to indigenous tribes like the Irula and Kurumba.

4. PM KUSUM scheme comes under which ministry?

- A. Ministry of Agriculture and Farmers Welfare
- B. Ministry of Chemicals and Fertilizers
- C. Ministry of New & Renewable Energy
- D. Ministry of Commerce and Industry



- ✓ **The Ministry of Renewable Energy warns farmers against fake websites and apps soliciting registration fees for solar water pump installation under PM-KUSUM Scheme. Launched in 2019, PM-KUSUM aims to de-dieselise farming, boost farmer income, and ensure energy security. It targets adding 34,800 MW of solar capacity by March 2026 with Rs 34,422 crore funding. Farmers receive subsidies up to 30-50% for solar pumps and grid-connected plants.**

5. Project ISHAN is related to which sector?

- A. Airspace sector
- B. Agricultural sector
- C. Health sector
- D. Educational sector



- ✓ **India launches Mission Indian Single Sky Harmonized Air Traffic Management (ISHAN) to merge its fragmented airspace into a unified system headquartered in Nagpur, aiming to revolutionize air traffic management. Currently, Indian airspace is divided into 4 regions managed separately. ISHAN consolidates them into one centered in Nagpur, enhancing efficiency. AAI, formed in 1995, operates under the Ministry of Civil Aviation, Government of India.**

6. What are eVTOLs?

- A. These are vehicles that can take off and land vertically using electric propulsion
- B. It's a medicine to cure cancer
- C. It's a new variety of weedicide
- D. It's a pyrolysis system which is run on the solid waste



- ✓ **IIT Madras-incubated ePlane Company plans to debut eVTOL (electric Vertical Take-Off and Landing) aircraft in Bengaluru. eVTOLs use electric propulsion for vertical takeoff and landing, employing lithium-ion batteries to power electric motors driving rotors or propellers. They aim to alleviate urban traffic congestion, reduce air pollution, and enhance connectivity and emergency services.**

7. Which institute's scientists recently developed a new vaccine candidate to battle malaria?

- A. Jawaharlal Nehru University
- B. IIT, Kanpur
- C. Banaras Hindu University
- D. IIT, Roorkee



- ✓ Scientists from Jawaharlal Nehru University (JNU) discovered a potential malaria vaccine candidate targeting the parasite's Prohibitin protein. Published in iScience by Cell Press, their research offers hope for better prevention and treatment. Malaria, transmitted by Anopheles mosquitoes, remains a significant health burden globally, with 249 million cases and 60,800 deaths in 2022. The vaccine development could revolutionize malaria control, addressing a disease that has plagued humanity for centuries.

8. Periyar River is the longest river in which state?

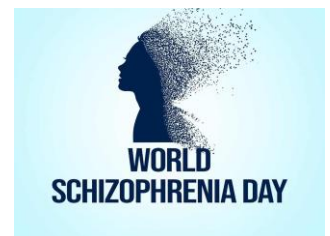
- A. Tamil Nadu
- B. Kerala
- C. Goa
- D. Karnataka



- ✓ A recent mass fish kill devastated the Periyar River in Kerala, causing widespread destruction and outrage. The Periyar River, Kerala's longest, originates in the Western Ghats of Tamil Nadu and flows northward, passing through the Periyar National Park into the man-made Periyar Lake. It eventually joins the Vembanad Lake before reaching the Arabian Sea. The river, spanning 244 km, sustains a vast area and is vital for Kerala's economy, notably with the Idukki Dam, the state's largest hydroelectric project.

9. What is the theme of 'World Schizophrenia Day 2024'?

- A. Breaking the Stigma, Sharing Our Stories
- B. Celebrating the Power of Community Kindness
- C. Do what you can do
- D. Embracing recovery



- ✓ World Schizophrenia Day, observed on May 24, aims to raise awareness about the serious mental illness affecting over 21 million people worldwide. It seeks to dispel myths, including the misconception of split personalities, associated with schizophrenia. Symptoms include confused thinking, delusions, and hallucinations. 2024 theme for this day is "Celebrating the Power of Community Kindness".

10. Recently, National Council for Cement and Building Materials-Incubation Centre (NCB-IC) was inaugurated by which ministry?

- A. Ministry of Agriculture and Farmers Welfare
- B. Ministry of Chemicals and Fertilizers
- C. Ministry of New & Renewable Energy
- D. Ministry of Commerce and Industry



वाणिज्य एवं
उद्योग मंत्रालय
MINISTRY OF
**COMMERCE
AND INDUSTRY**

- ✓ Recently, the National Council for Cement and Building Materials-Incubation Centre (NCB-IC) was inaugurated by the Joint Secretary, DPIIT, Ministry of Commerce and Industry. At NCB-IC, startups/entrepreneurs receive mentorship from NCB scientists and industry experts for product development. DPIIT-recognised startups now total 1,36,584. NCB, under DPIIT, is a leading R&D organization focusing on cement, building materials, and construction industries, offering research, technology development, education, and industrial services.

11. Which country named the cyclonic storm 'Remal' that recently hit the Bay of Bengal?

- A. Oman
- B. Myanmar
- C. Bangladesh
- D. India



- ✓ The Indian Meteorological Department (IMD) warns that a low depression in the Bay of Bengal has intensified into severe cyclonic storm Remal, with wind speeds of 100-120 km/h. Cyclone Remal, named by Oman, is the season's first in the region and will bring heavy rain and thundershowers to West Bengal and Bangladesh.

12. Who has become the first Indian gymnast to win a gold medal at the 2024 Asian Gymnastics Championships?

- A. Dipa Karmakar
- B. Pranati Nayak
- C. Rucha Divekar
- D. Kalpana Debnath



- ✓ Dipa Karmakar of Tripura made history by becoming the first Indian gymnast to win gold at the Asian Championships. She won the women's vault final at the 2024 Asian Women's Artistic Gymnastics Championships in Tashkent, Uzbekistan, with a score of 13.566. North Korea's Kim Son-hyang and Jo Kyong-byol took silver and bronze. Despite this victory, Dipa finished 16th in the all-around, missing the 2024 Paris Olympics quota.

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1. Nyishi Tribe is the largest ethnic group of which state?

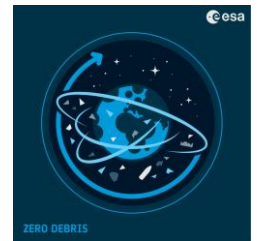
- A. Assam
- B. Bihar
- C. Arunachal Pradesh
- D. Mizoram



- ✓ **Kabak Yano, a mountaineer and cricketer, made history as the first Nyishi tribe woman and fifth woman from Arunachal Pradesh to scale Mt. Everest. The Nyishi, the largest ethnic group in Arunachal Pradesh, primarily reside in eight districts and parts of Assam. With a population of around 300,000, they practice slash-and-burn agriculture and excel in various handicrafts. Religiously, they follow Christianity, Hinduism, and the indigenous Donyi Polo.**

2. Recently, how many nations have signed the Zero Debris Charter at the ESA/EU Space Council?

- A. 11
- B. 12
- C. 13
- D. 14



- ✓ **Twelve nations signed the Zero Debris Charter at the ESA/EU Space Council, committing to sustainable human activities in Earth orbit. The European Space Agency (ESA) initiated the Charter in November 2023. It aims to eliminate space debris by 2030 through ambitious technical targets and global cooperation.**

3. State-owned GAIL (India) Ltd recently launched its first Green Hydrogen Plant in which region of Madhya Pradesh?

- A. Vijaipur
- B. Balaghat
- C. Dheerpur
- D. Betul



- ✓ **GAIL (India) Ltd. inaugurated its first 10 MW Green Hydrogen Plant in Vijaipur, Madhya Pradesh, under the National Green Hydrogen Mission. Approved on January 4, 2022, the mission aims to make India a global hub for green hydrogen. It includes incentives for electrolyser manufacturing and green hydrogen production, support for pilot projects, development of Green Hydrogen Hubs, and a policy framework for a green hydrogen ecosystem and standards.**

4. What is 'Stellaria mcclintockiae'?

- A. A new variant of COVID
- B. A new plant species
- C. Asteroid
- D. Nuclear Ballistic submarine



- ✓ **A new plant species, *Stellaria mcclintockiae*, was discovered on the muddy slopes of Kerala's Nelliampathy hills, at elevations of 1,250-1,400 meters. This annual herb, growing up to 15 cm tall, belongs to the genus *Stellaria* (family Caryophyllaceae). It features distinct petals, pollen morphology, bracts, sepals, and seed architecture. As the first *Stellaria* species found in South India, researchers recommend it be classified as critically endangered.**
-

5. Virupaksha Temple is located in which state?

- A. Tamil Nadu
- B. Karnataka
- C. Kerala
- D. Gujarat



- ✓ **A portion of Hampi's Virupaksha Temple in Karnataka, specifically the 'saalu mantap' pavilion, collapsed due to torrential rains. Dedicated to Lord Virupaksha, a form of Shiva, the temple is part of the UNESCO World Heritage Site at Hampi, the former capital of the Vijayanagara kingdom. It showcases Dravida temple architecture with grand gopuras, Vimana, intricate carvings, and pillared halls.**
-

6. Mundra Port is located in which state?

- A. Tamil Nadu
- B. Karnataka
- C. Kerala
- D. Gujarat



- ✓ **Adani Group's Mundra Port recently hosted the largest container ship to dock in India, the nearly 400-meter MSC Anna. Mundra Port, located on the north shores of the Gulf of Kutch in Gujarat, is India's largest private and container port, handling 33% of the country's container traffic. Operated by APSEZ, it has a capacity of 260 MMT and handles over 155 MMT annually, including diverse cargo types.**
-

7. Irrawaddy River is located in which country?

- A. Nepal
- B. Myanmar
- C. India
- D. Bhutan



- ✓ Myanmar's military regime has formed a body to evaluate hydropower projects on the Irrawaddy River, potentially reviving the controversial Myitsone Dam. Amid worsening power shortages since the 2021 coup, the regime aims to address these issues and boost domestic production.

8. Recently, Ministry of Ayush and the All-India Institute of Ayurveda (AIIA) hosted a sensitization program at which place?

- A. New Delhi
- B. Chennai
- C. Hyderabad
- D. Bengaluru



- ✓ The Ministry of Ayush and the All-India Institute of Ayurveda (AIIA) hosted a program in New Delhi to enhance collaborations between the insurance sector and Ayush healthcare providers. The event, attended by CEOs and CMDs of insurance companies and Ayush hospital owners, aims to improve the accessibility and affordability of Ayush treatments. Key figures emphasized the commitment to making healthcare affordable, accessible, and high-quality.

9. Which organization recently hosted 'Pharma Research in AyurGyan and Techno Innovation (PRAGATI-2024)' at the India Habitat Centre?

- A. AMAI
- B. CCRAS
- C. IISER
- D. National Institute of Biomedical Genomics



- ✓ The Central Council for Research in Ayurvedic Sciences (CCRAS) hosted PRAGATI-2024 at the India Habitat Centre, focusing on research opportunities and collaborations with the Ayurveda drug industry. This meeting aims to connect researchers with industrial partners for drug and device development. A dossier of 35 formulations and three instruments, including Ayush 64, Ayush SG, and Ayush Gutti, will be presented for discussion. The initiative will benefit Ayurvedic clinicians and patients.

10. Which organization recently adopted Framework Convention on Artificial Intelligence and Human Rights, Democracy & the Rule of Law, known as AI convention?

- A. Council of Europe (COE)
- B. United Nations
- C. UNICEF
- D. ILO



- ✓ **The Council of Europe (COE) adopted the Framework Convention on Artificial Intelligence and Human Rights, Democracy, and the Rule of Law, known as the 'AI convention.'** This treaty aims to ensure AI systems comply with human rights, democracy, and the rule of law.

11. Which team has won the 'Indian Premier League 2024'?

- A. Chennai Super Kings
- B. Kolkata Knight Riders
- C. Rajasthan Royals
- D. Sunrisers Hyderabad



- ✓ **The Kolkata Knight Riders (KKR), coached by Chandrakant Pandit, won their third IPL title by defeating Sunrisers Hyderabad (SRH) by eight wickets in the final of the 17th IPL at M A Chidambaram Stadium, Chennai, on May 26, 2024. Led by Shreyas Iyer, KKR bowled SRH out for 113 runs, the lowest in an IPL final.**

12. Recently, the Vice President of India inaugurated Centre for Carbon Fibre and Prepregs (CCFP) at which place?

- A. Chennai
- B. Hyderabad
- C. Bengaluru
- D. New Delhi



- ✓ **Vice President Jagdeep Dhankhar inaugurated the Centre for Carbon Fiber and Prepregs at the National Aerospace Laboratories (NAL) in Bengaluru. He witnessed innovations like the Hansa NG trainer and SARAS multipurpose aircraft. Addressing scientists, he highlighted India's progress in disruptive technologies, quantum computing, AI, and machine learning.**

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1. What is the primary use of a Linear Accelerator (LINAC) device?

- A. To diagnose TB
- B. For external beam radiation treatments for patients with cancer
- C. To measure heat waves
- D. None of the above



- ✓ **The Society for Applied Microwave Electronics Engineering & Research (SAMEER) signed an MoU on MRI and Linear Accelerator technology transfer with industry. The Linear Accelerator (LINAC) is used for cancer treatment through external beam radiation.**
- ✓ **It accelerates electrons using microwave technology to produce high-energy x-rays that target and destroy cancer cells. SAMEER is an autonomous R&D lab in Mumbai under the Ministry of Electronics and Information Technology.**

2. INS Kiltan belongs to which class of submarines?

- A. Kamorta class
- B. Kalvari class
- C. Vagir class
- D. Karanj class



- ✓ **Indian Naval Ship Kiltan arrived at Muara, Brunei, warmly welcomed by the Royal Brunei Navy. This indigenously-built anti-submarine warfare stealth corvette is the third Kamorta-class corvette under Project 28.**
- ✓ **Designed by the Indian Navy and built by GRSE in Kolkata, it features a carbon fibre composite superstructure for enhanced stealth and lower maintenance. It hosts advanced indigenous weapons and sensors, including torpedoes, ASW rockets, and air surveillance radar.**

3. What is 'Oedocladium sahyadricum'?

- A. Protein
- B. Algae
- C. Virus
- D. Bacteria



- ✓ **A team of botanists at Catholicate College, Pathanamthitta, discovered a new algal species, Oedocladium sahyadricum, in the Western Ghats. Named after the Sahyadri region, it is dioecious, terrestrial, and mat-forming on damp soil. The alga, velvety green turning yellowish-green when mature, has potential applications in medicine, agriculture, and natural pigment production. This is Kerala's first recorded species of Oedocladium.**

4. What is the theme of 'World Hunger Day 2024'?

- A. Thriving Mothers, Thriving World
- B. Zero Hunger: A World without Hunger
- C. Leave No One Behind
- D. Unchain Our Food



- ✓ **World Hunger Day 2024, observed annually on May 28, raises awareness about global hunger and malnutrition. The theme, "Thriving mothers. Thriving world." highlights the impact of malnutrition on women and children, affecting over 1 billion worldwide.**
- ✓ **The day advocates for sustainable food systems to combat hunger's root causes like war and climate change. It emphasizes the intergenerational effects of malnutrition and aims to provide proper nutrition to millions worldwide.**

5. Recently, where was the International Conference on Nuclear Security (ICONS-2024) held?

- A. New Delhi
- B. Vienna
- C. Washington
- D. Tehran



- ✓ **The IAEA's International Conference on Nuclear Security (ICONS) 2024, held in Vienna, highlighted nuclear waste concerns. Currently, 145 states report incidents of lost, stolen, or mishandled nuclear materials to the IAEA. Radioactive substances are widely used in medical, educational, and industrial sectors. The main concern is extremists using these materials in a "dirty bomb," which, though less deadly than an atomic bomb, could cause mass panic in urban areas.**

6. Rajaji Tiger Reserve is located in which state?

- A. Tamil Nadu
- B. Uttarakhand
- C. Kerala
- D. Gujarat



- ✓ **A tigress translocated from Corbett Tiger Reserve to Rajaji Tiger Reserve has given birth to four cubs, according to the Chief Wildlife Warden. Rajaji National Park, established in 1983 and located in Haridwar, Uttarakhand, is a vital link to other tiger habitats in Himachal Pradesh and Haryana. The reserve, named after freedom fighter C. Rajgopalachari, became India's 48th tiger reserve in 2015.**

7. Which space organization has recently launched a tiny satellite to measure heat lost from Earth's poles?

- A. NASA
- B. ISRO
- C. JAXA
- D. CNSA



- ✓ NASA recently launched one of two climate satellites to study heat emissions at Earth's poles, named PREFIRE (Polar Radiant Energy in the Far-Infrared Experiment). This mission is vital for analyzing Earth's energy budget, which determines its temperature and climate. Currently, there's no way to measure far-infrared radiation emitted from the Arctic and Antarctica, leaving a gap in understanding the planet's energy balance. The second satellite will be launched soon to address this gap.

8. Pravaah Portal is launched by which institution?

- A. RBI
- B. SBI
- C. NABARD
- D. SEBI



- ✓ RBI Governor unveiled three major initiatives: Pravaah portal, Retail Direct Mobile App, and a FinTech Repository. Pravaah is a secure web-based portal for seeking authorizations, licenses, and regulatory approvals from the RBI. Key features include online application submission, status tracking, query responses, and timely decisions. It enhances the efficiency of regulatory processes, with 60 application forms available, including a general-purpose form for various requests.

9. Recently, who has been appointed as the chairperson of the Committee A at 77th World Health Assembly?

- A. Rajesh Bhushan
- B. Apurva Chandra
- C. A K Mittal
- D. Amit Agarwal



- ✓ Apurva Chandra, Union Health Secretary of India, has been appointed Chairperson of Committee A at the 77th World Health Assembly (WHA) in Geneva, held from May 27 to June 1. Committee A addresses crucial health topics like universal health coverage, emergency preparedness, antimicrobial resistance, climate change, and WHO financing. Chandra highlighted India's COVID-19 management and commitment to global health, reflecting the "One World, One Family" philosophy and promoting health-related Sustainable Development Goals (SDGs).

10. Indian Oil Corporation Limited (IOCL or IOC) recently signed an MoU with which armed force of India to promote hydrogen and fuel cell technology?

- A. Indian Army
- B. Indian Navy
- C. Indian Air Force
- D. Indian Coast Guard



- ✓ The Indian Army and Indian Oil Corporation Limited (IOCL) signed a Memorandum of Understanding (MoU) to incorporate green and sustainable transport solutions. Army Chief Gen Manoj Pande and IOCL Chairman Shrikant Madhav Vaidya were present. The Army received a hydrogen fuel cell bus, marking the start of this collaboration, aimed at fostering innovation and advancing sustainable transport, according to the defence ministry.

11. Recently, where was the 'Asian Armwrestling Championship 2024' held?

- A. New Delhi, India
- B. Astana, Kazakhstan
- C. Tashkent, Uzbekistan
- D. Beijing, China



- ✓ Indian armwrestlers won seven medals at the Asian Armwrestling Championship in Tashkent, Uzbekistan: one gold and six bronze. Shrimat Jha secured India's only gold in the left-hand para category and a bronze in the right-hand para category. Laxaman Singh Bhandari and Sachin Goyal won two and one bronze medals, respectively. Ibi Lollen won two bronze medals in women's categories. Preeti Jhangiani, PAFI president, praised the team's success.

12. Recently, which Indian peacekeeper received the 'United Nations Military Gender Advocate of the Year for 2023'?

- A. Lakshmi Sehgal
- B. Radhika Sen
- C. Sophia Qureshi
- D. Priya Jhingam



- ✓ Major Radhika Sen, an Indian peacekeeper in the Democratic Republic of the Congo, received the United Nations Military Gender Advocate of the Year for 2023. Serving with MONUSCO, she led the Engagement Platoon, established Community Alert Networks, and conducted mixed-gender patrols. Her efforts included providing education and training for locals, empowering women, and fostering a safe, inclusive environment. Her service ran from March 2023 to April 2024. The award, established in 2016, honors peacekeepers integrating gender perspectives. Major Sen is the second Indian recipient after Major Suman Gawani in 2019, who served in South Sudan.

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1. What is the theme for 'International Day of UN Peacekeepers 2024'?

- A. Women in Peacekeeping
- B. Fit for the future, building better together
- C. The Road to a Lasting Peace
- D. People Peace Progress



- ✓ **The International Day of the UN Peacekeepers is observed on May 29 to honor the service and sacrifice of over 4,000 fallen peacekeepers and to promote global peace efforts. Established by a UN General Assembly resolution in 2002, it marks the anniversary of the first UN peacekeeping mission in 1948. The first observance was in 2003. The 2024 theme is "Fit for the Future, Building Better Together."**

2. BHEL recently signed an agreement with which research centre for hydrogen production using alkaline electrolyser system?

- A. Bhabha Atomic Research Centre
- B. Indira Gandhi Centre for Atomic Research
- C. Council of Industrial and Scientific Research
- D. Indian Agriculture Research Institute



- ✓ **State-run Bharat Heavy Electricals Ltd. (BHEL) has signed a Technology Transfer Agreement with the Bhabha Atomic Research Centre (BARC) for a 50-kW alkaline electrolyser system to produce hydrogen. BARC, India's premier nuclear research facility based in Trombay, Mumbai, operates under the Department of Atomic Energy, overseen by the Prime Minister. It supports extensive research across nuclear science and engineering.**

3. Sharavati River flows entirely within which state?

- A. Tamil Nadu
- B. Maharashtra
- C. Karnataka
- D. Andhra Pradesh



- ✓ **The National Green Tribunal directed the State Environment Impact Assessment Authority (SEIAA) and mines and geology department to halt illegal sand mining in the Sharavathi river coastal zone. The Sharavathi River, in western Karnataka, flows west to the Arabian Sea. It spans 128 km and its basin covers 2,985 sq km. The river forms Jog Falls and generates 40% of Karnataka's hydropower with seven dams and five tunnels.**

4. Genetically modified (GMO) mosquitoes were recently released in which country of Africa to fight malaria?

- A. Kenya
- B. Djibouti
- C. Tanzania
- D. Botswana



- ✓ Genetically modified mosquitoes were released in Djibouti to combat malaria as part of the two-year-old 'Djibouti Friendly Mosquito Programme'.
- ✓ This method releases engineered male mosquitoes that mate with females, passing on a gene that prevents female offspring from surviving to adulthood, reducing the population of malaria-transmitting *Anopheles stephensi* mosquitoes. Similar methods have been successful in Brazil, the Cayman Islands, Panama, and India.

5. Vivekananda Rock Memorial is located in which state?

- A. Tamil Nadu
- B. Kerala
- C. Odisha
- D. West Bengal



- ✓ The Prime Minister meditate for 48 hours at the Vivekananda Rock Memorial in Kanyakumari, marking the end of the 2024 Lok Sabha polls. The memorial, built in 1970 to honor Swami Vivekananda, is on a small island off Kanyakumari where the Bay of Bengal, Indian Ocean, and Arabian Sea meet. It features the 'Shripada Mandapam,' 'Vivekananda Mandapam,' and a life-sized bronze statue of Vivekananda.

6. What was the primary goal of the Magellan mission?

- A. To explore Mars
- B. To map the surface of Venus using radar imaging
- C. To explore the Moon's surface
- D. To study the exoplanets



- ✓ Scientists analyzing archived data from NASA's Magellan mission discovered new lava flows on Venus, indicating volcanic activity between 1990 and 1992. Launched on May 4, 1989, aboard the space shuttle Atlantis, Magellan aimed to map Venus's surface using radar imaging.
- ✓ Named after Ferdinand Magellan, it was the first interplanetary mission launched from a space shuttle. In 1994, Magellan intentionally plunged into Venus, gathering atmospheric data before ceasing operations.

7. Which organization recently released the 'Asia-Pacific Employment and Social Outlook 2024' report?

- A. International Labor Organization (ILO)
- B. World Trade Organization (WTO)
- C. International Monetary Fund (IMF)
- D. World Bank



International
Labour
Organization

- ✓ **The International Labour Organisation (ILO) released the 2024 Asia-Pacific Employment and Social Outlook report. Key highlights include an improved Employment to Population Ratio (EPR) in the region at 58.2% (2023), with Indian women contributing significantly. India faces an aging population, with the old age dependency ratio projected to increase from 0.10 to 0.22 by 2050.**

8. Recently, a 'Himalayan Serow' was spotted in which National Park of Assam?

- A. Manas National Park
- B. Namdapha National Park
- C. Nameri National Park
- D. Orang National Park



- ✓ **Recently, a Himalayan serow was spotted in Nameri National Park, resembling a blend of goat, donkey, cow, and pig. Serows are herbivores, typically inhabiting altitudes between 2,000 to 4,000 meters in the Himalayas. The Himalayan serow, a subspecies of the mainland serow, is vulnerable according to the IUCN Red List. Nameri Tiger Reserve, situated in Assam's Sonitpur district, encompasses the park and is contiguous with Pakke Tiger Reserve in Arunachal Pradesh.**

9. How much assistance has the Government of India granted to Papua New Guinea for the recent flood and landslide disaster?

- A. \$1 million
- B. \$2 million
- C. \$3 million
- D. \$4 million



- ✓ **India provided \$1 million in immediate aid to Papua New Guinea after a flood and landslide disaster claimed 2,000 lives. Prior assistance was extended in 2018 after an earthquake and in 2019 and 2023 following volcanic eruptions. Diplomatic relations between India and Papua New Guinea began in 1975. PNG appointed its first defense adviser to India, enhancing defense cooperation. PNG has supported India's positions in international forums like the UN and Commonwealth.**

10. What is microcephaly?

- A. A condition where a baby's eyes is much smaller than normal
- B. A condition where a baby's head is much smaller than normal
- C. A condition where a baby's head is much larger than normal
- D. A condition where a baby's heart is much larger than normal



- ✓ **Recent research confirms the SASS6 gene's significance in microcephaly and neuron development. Microcephaly results in a significantly smaller head size in babies, often associated with poor motor skills, speech difficulties, and abnormal facial features. It stems from abnormal cell division during embryonic brain development and can be diagnosed prenatally. Consanguineous marriages increase the risk due to heightened chances of inheriting two mutated copies of the SASS6 gene, vital for cell division and centriole formation.**

11. RudraM-II- air-to-surface missile is developed by which organization?

- A. DRDO
- B. ISRO
- C. JAXA
- D. ESA



- ✓ **The Defence Research & Development Organisation (DRDO) successfully flight-tested the RudraM-II air-to-surface missile from a Su-30 MK-I aircraft off Odisha's coast. The test met all objectives, validating its propulsion, control, and guidance systems. Defence Minister Rajnath Singh praised the achievement. The RudraM-II, a solid-propelled missile, enhances the Armed Forces' capabilities, utilizing advanced DRDO technologies.**

12. Recently, which Indian space startup successfully launched Agnibaan's sub-orbital rocket?

- A. Astrogate Labs
- B. Bellatrix Aerospace
- C. Dhruva Space
- D. Agnikul cosmos



- ✓ **Indian space startup Agnikul Cosmos successfully launched its first sub-orbital test vehicle, Agnibaan SOrTeD, powered by the world's first single-piece 3D-printed rocket engine. This milestone, achieved after four previous launch attempts, marks the second private startup launch in India and the first from a private launchpad at Sriharikota.**

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1. What is 'K-9 Vajra'?

- A. Self-propelled artillery system
- B. Nuclear ballistic submarine
- C. 3D printed semi-cryogenic engine
- D. Asteroid



- ✓ **Several key 'Made in India' defense projects await final approval post-elections, including more K-9 Vajra self-propelled howitzers. The K-9 Vajra, built by Larsen & Toubro with technology from South Korea's Hanwha Défense, is a 155 mm, 52-caliber self-propelled artillery system. It can fire various shells, has all-welded steel armor, and strikes targets up to 50 km away with a burst rate of three rounds per 15 seconds.**

2. Recently, where was the fourth International Conference on Small Island Developing States (SIDS4) held?

- A. Trinidad and Tobago
- B. Antigua and Barbuda
- C. Bahamas
- D. Barbados



- ✓ **The SIDS4 conference, held from May 27-30, 2024, gathered over 3,000 delegates to develop the "Antigua and Barbuda Agenda for SIDS" (ABAS), aiming for resilient prosperity in Small Island Developing States. The Coalition for Disaster Resilient Infrastructure (CDRI) announced funding through its Infrastructure for Resilient Island States Programme (IRIS) at the United Nations 4th International Conference on SIDS in Antigua and Barbuda.**

3. Indian Computer Emergency Response Team (CERT-In or ICERT) is a functional organization of which ministry?

- A. Ministry of Chemicals and Fertilizers
- B. Ministry of Electronics and Information Technology
- C. Ministry of Commerce and Industry
- D. Ministry of Communications



- ✓ **India's Computer Emergency Response Team (CERT-In) warned of a high-severity vulnerability in Google Chrome for desktops. CERT-In, the national agency for computer security incidents under the Ministry of Electronics and Information Technology, aims to secure Indian cyberspace. Operational since January 2004, CERT-In is responsible for responding to and mitigating cybersecurity threats in India.**

4. Earth Cloud Aerosol and Radiation Explorer (EarthCARE) satellite mission is a joint venture between which two space agencies?

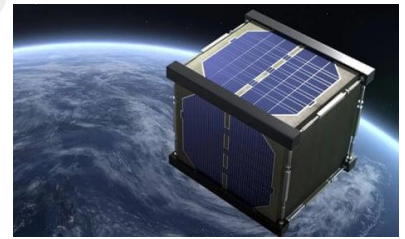
- A. ESA & JAXA
- B. NASA & ISRO
- C. CNSA & JAXA
- D. ISRO & ESA



- ✓ **The EarthCARE Mission, a joint effort by ESA and JAXA, aims to understand the interplay between clouds, aerosols, and radiation, crucial for Earth's radiation balance amid the climate crisis. The sun-synchronous orbit mission uses instruments like Atmospheric Lidar and a cloud profiling radar. Clouds and aerosols significantly influence Earth's heat budget, affecting climate through their roles in reflecting sunlight and trapping radiation. Human activities notably impact aerosol levels.**
-

5. Recently, the researchers of which country developed a tiny wooden satellite named 'LignoSat'?

- A. China
- B. India
- C. Japan
- D. Australia



- ✓ **Japanese researchers have developed the world's first wooden satellite, Lignosat, in collaboration with NASA and JAXA. This tiny cuboid craft, made from resilient magnolia wood, will be launched by a SpaceX rocket. Lignosat aims to reduce space clutter and promote environmentally friendly space activities. Unlike traditional aluminium satellites, Lignosat will burn harmlessly upon re-entry.**
-

6. Which country has recently assumed the chair of the Colombo Process for the term 2024-26?

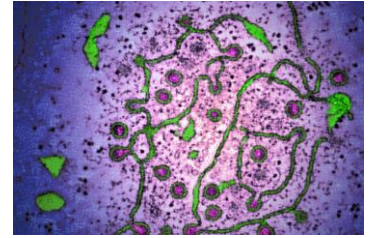
- A. India
- B. Bangladesh
- C. Nepal
- D. Bhutan



- ✓ **India assumed the Chair of the Colombo Process for 2024-26, its first time since 2003. The Colombo Process, a regional consultative platform for managing overseas employment and labor, includes 12 Asian member states like Bangladesh and Sri Lanka. India, a founding member, focuses on skills recognition and ethical recruitment. The UN's International Organization for Migration supports this process.**
-

7. Researchers recently identified 40 novel 'Nidoviruses' in which organisms using AI?

- A. Vertebrates
- B. Invertebrates
- C. Both Vertebrates and Invertebrates
- D. None of the above



- ✓ **Researchers identified 40 novel Nidoviruses in vertebrates using AI. Nidoviruses are enveloped, positive-strand RNA viruses infecting both vertebrates and invertebrates. When hosts are co-infected with different viruses, gene recombination can occur, potentially creating new, more hazardous viruses.**

8. According to ILO, the Global Unemployment rate is expected to fall slightly to what percent in 2024?

- A. 4.5%
- B. 4.9%
- C. 5.3%
- D. 5.5%



International
Labour
Organization

- ✓ **The International Labour Organization (ILO) predicts a slight decrease in global unemployment, with a projected rate of 4.9 percent in 2024, contrary to previous forecasts of a rise. Despite this improvement, the agency warns of "slow progress" in addressing inequalities. The report indicates that the unemployment rate is expected to remain stable at 4.9 percent in 2025.**

9. What is the theme for the World Health Assembly (WHA) 2024?

- A. All for Health, Health for All
- B. Health for peace, Peace for Health
- C. Saving Lives, Driving Health for All
- D. Support Nurses and Midwives



- ✓ **The Seventy-seventh World Health Assembly convenes in Geneva, Switzerland, from May 27 to June 1, under the theme "All for Health, Health for All." Live webcasts of the proceedings will be accessible, featuring simultaneous interpretation in Arabic, Chinese, English, French, Russian, and Spanish.**

10. Which Indian mountaineer has recently made history by becoming the first person to scale Mt. Everest and Mt. Lhotse twice in one season?

- A. Prerna Dangi
- B. Ajeet Bajaj
- C. Satyadeep Gupta
- D. Jai Vardhan Bahuguna



- ✓ Indian mountaineer Satyadeep Gupta achieved a historic feat by becoming the first person to climb Mount Everest and Mount Lhotse twice in one season. He also set the record for the fastest traverse from Mount Everest to Mount Lhotse, completing it in 11 hours and 15 minutes. Accompanied by guides, Gupta summited Mount Everest on May 21, followed by Mount Lhotse on May 22, marking the first Double Dual Ascent in a single season.

11. How much sovereign loan has been sanctioned by the Asian Development Bank (ADB) to India in the year 2023?

- A. \$4.6 billion
B. \$2.6 billion
C. \$3.6 billion
D. \$1.6 billion



- ✓ The Asian Development Bank (ADB) sanctioned \$2.6 billion in sovereign lending to India in 2023. The loan will fund urban development, power sector promotion, industrial corridor development, horticulture support, connectivity enhancement, and climate resilience building. Sovereign loans are given to the Indian government for various projects across states. ADB aims to drive India's structural transformation, job creation, infrastructure development, green growth, and social inclusiveness, including funding for the Visakhapatnam–Chennai Industrial Corridor.

12. Recently, where was the 6th Meeting of India-Japan Joint Working Group on Counter Terrorism held?

- A. New Delhi
B. Hyderabad
C. Chennai
D. Bengaluru



- ✓ The 6th Meeting of the India-Japan Joint Working Group on Counter Terrorism took place in New Delhi on 29 May. Key discussions involved regional terrorist threats, state-sponsored terrorism, and the misuse of technology by terrorists. Both nations emphasized enhancing cooperation through information exchange, capacity building, and multilateral cooperation. The next meeting will be in Tokyo at a mutually convenient date.

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