

APRIL - 2024



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CURRENT AFFAIRS



1. Recently, where was the first Nuclear Energy Summit held?

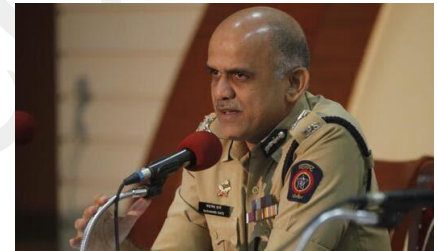
- A. New Delhi
- B. Brussels
- C. Moscow
- D. Beijing



- ✓ Leaders from 34 countries convened in Brussels for the Nuclear Energy Summit on March 21. Organized by the International Atomic Energy Agency (IAEA) and Belgium, the summit aimed to explore strategies for leveraging nuclear power in achieving net-zero emissions and sustainable development goals. Technical panels delved into maximizing nuclear energy's potential.

2. Recently, who has been appointed as the Director General of National Investigation Agency (NIA)?

- A. Kuldeep Singh
- B. Kaliraj Mahesh Kumar
- C. R S Krishna
- D. Sadanand Vasant Date



- ✓ The central government recently appointed new Director Generals for key agencies. Sadanand Vasant Date, a 1990 batch IPS officer from Maharashtra, now heads the National Investigation Agency (NIA). Rajeev Kumar Sharma, also from the 1990 batch but from Rajasthan cadre, will oversee the Bureau of Police Research & Development (BPRD).

3. Indian Agriculture Research Institute has demanded legal action against which country for cultivating basmati varieties protected in India?

- A. Afghanistan
- B. Pakistan
- C. Myanmar
- D. Bangladesh



- ✓ In March 2024, the Indian Agricultural Research Institute (IARI) has urged legal action against Pakistan for cultivating its improved basmati rice varieties without authorization. The IARI has raised concerns that Pakistan is "illegally" growing the varieties, which could endanger India's \$5.5 billion export market. The IARI has found that varieties like Pusa-1121 and 1509 Basmati are grown in Pakistan under new names.

4. Who won women's singles title at the WTT Feeder Beirut II 2024 in Beirut, Lebanon?

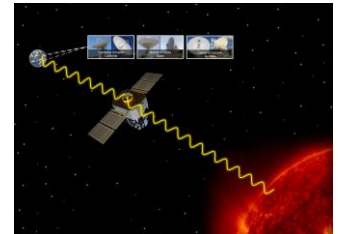
- A. Sreeja Akula
- B. Sarah D Nutte
- C. Suh Hyo
- D. Ayhika Mukherjee



- ✓ **Sreeja Akula, ranked 47th globally, won the women's singles title at WTT Feeder Beirut II 2024 in Lebanon, defeating Sarah D Nutte of Luxembourg in a thrilling final. The Indian paddler, aged 25, secured victory after coming from behind, with scores of 6-11, 12-10, 11-5, 11-9. Notably, she had beaten top seed Suh Hyo Won of South Korea earlier in the tournament. This marks her second WTT singles career title.**

5. Solar and Heliospheric Observatory (SOHO) is a project of international collaboration between which two space agencies?

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



- ✓ **A scientist recently discovered the 5,000th comet using Solar and Heliospheric Observatory (SOHO) data. SOHO, a collaboration between ESA and NASA, launched in 1995 to study the Sun from the first Lagrangian Point. Equipped with 12 scientific instruments, it continuously observes the solar atmosphere, helioseismology, and solar wind. Despite its mission ending in 1998, SOHO persists, providing invaluable insights into the Sun's dynamics and discovering numerous comets.**

6. Recently, which ministry notified new wage rates for unskilled manual workers under the MGNREGA, 2005 for FY 2024-2025?

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



ग्रामीण विकास मंत्रालय
भारत सरकार
**MINISTRY OF RURAL
DEVELOPMENT**
GOVERNMENT OF INDIA

- ✓ **The Ministry of Rural Development (MoRD) has announced new wage rates for unskilled manual workers under MGNREGA for FY 2024-2025. MGNREGA guarantees 100 days of wage employment annually to rural adult household members. MoRD adjusts state-wise wage rates yearly based on CPI-AL changes, as mandated by MGNREGA's Section 6. This ensures fair compensation for rural laborers, supporting livelihoods in alignment with inflation rates.**

7. According to the Brand Finance 2024 report, which is the world's strongest insurance brand?

- A. Oriental General Insurance
- B. Life Insurance Corporation of India
- C. HDFC Life Insurance
- D. Max Life Insurance



- ✓ In the 2024 Brand Finance Insurance 100 report, Life Insurance Corporation of India (LIC) maintains its global dominance, solidifying its position as the strongest insurance brand with a stable brand value of Rs 816 billion. Cathay Life Insurance follows closely.
- ✓ Meanwhile, Chinese insurers like Ping An, China Life Insurance, and CPIC assert their dominance, with Ping An leading the pack with a significant increase in brand value to Rs 2799 billion, showcasing China's influence on the international insurance landscape.

8. 2024 - Food Waste Index Report is released by which organization?

- A. UNEP
- B. UNDP
- C. WHO
- D. ILO



- ✓ The United Nations Environment Program (UNEP) released its 3rd Food Waste Index Report in 2024, revealing that in 2022, 1.05 billion metric tonnes of food, 19% of the global supply, were wasted. This waste contrasts starkly with 783 million people experiencing hunger worldwide. The report emphasizes the need to tackle food waste to achieve Sustainable Development Goal 12.3. Households are the largest contributors, responsible for 60% of wastage. Annual per capita food wastage is estimated at 79 kg.

9. Recently, Government of India is establishing new atomic clocks at which places?

- A. Chennai, Madurai and Coimbatore
- B. Kozhikode, Cannanore and Wayanad
- C. Bengaluru, Bhopal and Lucknow
- D. Bhubaneswar, Jaipur and Hyderabad



- ✓ The Indian government is deploying atomic clocks nationwide to ensure all devices align with Indian Standard Time, countering reliance on US-based servers. Developed by only four countries, atomic clocks were invented in 1955. The CSIR-NPL New Delhi is India's timekeeper, maintaining seven atomic clocks. New clocks are being installed in Bhubaneswar, Jaipur, and Hyderabad, expanding from Faridabad and Ahmedabad.

10. Recently, who was inducted into the World Billiards Museum's Hall of Fame in Shangrao, China?

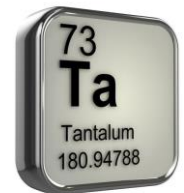
- A. Geet Siriram Sethi
- B. Rudolf Walter Wanderone
- C. Earl Strickland
- D. Pankaj Advani



- ✓ In March 2024, Pankaj Advani, an Indian billiards player, was inducted into the World Billiards Museum's Hall of Fame in Shangrao, China. Advani was inducted after winning the 26th IBSF title in China. The museum covers 13,500 square meters and offers an overview of snooker's history, equipment, events, cultural traditions, and people.

11. Tantalum, a rare metal, was recently discovered in which river?

- A. Gomti
- B. Sutlej
- C. Kaveri
- D. Godavari



- ✓ Traces of tantalum, a rare metal crucial in electronics, were found in the Sutlej River by Indian Institute of Technology, Punjab researchers. Tantalum is vital for capacitors and resistors in devices like smartphones and laptops. Its discovery hints at untapped mineral wealth beneath the riverbed, sparking interest in further exploration. Tantalum's unique properties make it valuable, potentially impacting various industries and the local economy.

12. Recently, which organization has launched a new network for coronaviruses, CoViNet?

- A. World Bank
- B. WHO
- C. WTO
- D. UNICEF



- ✓ The World Health Organization (WHO) launched CoViNet, a global network of laboratories specializing in human, animal, and environmental coronavirus surveillance. It aims to detect and monitor emerging coronaviruses, including potential novel strains, enhancing risk assessment and informing WHO policies. CoViNet will expand surveillance capabilities, particularly in low- and middle-income countries, to monitor MERS-CoV and other significant coronaviruses.

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1. Recently, which space company has successfully test-fired the 'Kalam-250' at the propulsion testbed of the ISRO?

- A. Bellatrix Aerospace
- B. AgniKul Cosmos
- C. Skyroot Aerospace
- D. Kawa Space



- ✓ Skyroot Aerospace recently conducted a successful test-fire of the Kalam-250 at ISRO's Satish Dhawan Space Centre. This second stage of the Vikram-1 space launch vehicle features a carbon composite rocket motor, EPDM thermal protection, and precision thrust vector control. Developed by Skyroot Aerospace, it will propel the launch vehicle from the atmosphere into outer space, playing a vital role in its ascent.

2. United Nations Secretary-General has appointed which Indian as his Special Representative for Disaster Risk Reduction?

- A. Nikhil Seth
- B. Kamal Kishore
- C. Shailesh Tinaikar
- D. Satya S Tripathi



- ✓ India's National Disaster Management Authority official, Kamal Kishore, appointed by UN Secretary-General António Guterres as special representative for disaster risk reduction. Kishore (55), currently serving as NDMA's secretary to the government of India, succeeds Mami Mizutori.
- ✓ Appointed assistant secretary-general and special representative of the secretary-general for disaster risk reduction at UNDRR, Kishore's role is crucial in global disaster mitigation efforts, announced by the UN spokesperson Stéphane Dujarric.

3. Kuttanad wetland system is located in which state?

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



- ✓ Kuttanad, renowned for rice cultivation below sea level, faces a severe water crisis due to pollution, salinity, and erratic weather. Kuttanad, a delta on Kerala's west coast, hosts the unique Kuttanad Below Sea-level Farming System, practicing rice cultivation below sea level in "Puncha Vayals" comprising Karapadam, Kayal, and Kari fields. The region is part of the Vembanad Kol wetland ecosystem, a Ramsar Site.

4. Global Summit on Extreme Heat, recently hosted by which two organizations?

- A. USAID and Red Cross
- B. UNICEF and UNDP
- C. UNEP and WTO
- D. WHO and ILO



- ✓ The 1st Summit on Extreme Heat, organized by United States Agency for International Development (USAID) and International Federation of Red Cross and Red Crescent Societies (IFRC), aims to address the impacts of record-high temperatures in 2023. Initiatives include the IFRC and USAID Extreme Heat Global Action Hub, Fire Grand Challenge Prize, FEWS NET.

5. Koramangala-Challaghatta (KC) Valley project is related to which state?

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



- ✓ The Centre aims to expand Karnataka's KC Valley project nationwide for wastewater reuse. It refills lakes in dry districts like Bengaluru Rural, Kolar, and Chikballapura.
- ✓ The project's success in recharging groundwater led the Ministry to consider replication for lake rejuvenation across states. It receives partial funding under the Atal Bhujal Yojana. India generates 72,368 MLD of wastewater daily. Sujalam 2.0 greywater recycling project was launched recently for kitchen, bathing, and laundry runoff reuse.

6. Khavda Renewable Energy Park is located in which state?

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



- ✓ Adani Green Energy Limited has operationalized 1,000 MW of solar energy at the Khavda Renewable Energy Park in the Rann of Kutch, Gujarat. Covering 726 square kilometers, it's the world's largest hybrid renewable energy park, featuring windmills and solar panels. Fully operational by December 2026, it's set to be visible from space. Expected to generate 30 GW of clean energy, it could power 16.1 million homes annually, avoiding 58mn tonnes of CO2 emissions.

7. Recently, Tata Motors and HPCL planned to set up how many EV charging stations by the end of 2024?

- A. 5000
- B. 3000
- C. 8000
- D. 18000



- ✓ **TPEM and HPCL signed an MoU on March 27, 2024, to establish EV charging stations nationwide. The collaboration aims to install 5,000 chargers at HPCL pumps by December. With 21,500 petrol pumps across India, HPCL plans to enhance customer experience by collecting charger usage data. TPEM will strategically select charger locations.**

8. Gyalzung project is associated with which country?

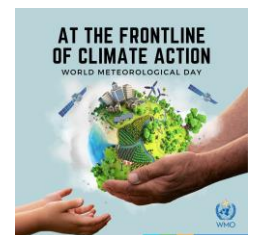
- A. Nepal
- B. Myanmar
- C. Bhutan
- D. Sri Lanka



- ✓ **India disbursed the second installment of ₹500 crore to Bhutan for infrastructure development under the GyalSung Project. Prime Minister Narendra Modi's recent visit to Bhutan, concluded on March 23, and emphasized India's commitment to Bhutan's development. Modi pledged ₹10,000 crore over five years to Bhutan. This reaffirms India's support for its Himalayan neighbor's growth, strengthening bilateral ties and regional cooperation.**

9. What was the theme of METOC seminar 'MEGHAYAN-24'?

- A. At the Frontline of Climate Action
- B. The Future of Weather, Climate and Water across Generations
- C. Early Warning and Early Action
- D. The Ocean, Our Climate and Weather



- ✓ **World Meteorological Day on March 23 commemorates the establishment of the World Meteorological Organization (WMO) in 1950, recognizing meteorologists' vital role. Recently, a METOC seminar named "Meghayan-24" was organized by Indian Naval Meteorological Analysis Centre. Admiral R Hari Kumar emphasized the urgency of addressing climate change, aligning with WMO's theme "At the Frontline of Climate Action."**

10. Yunhai-3 02, an environmental monitoring satellite, recently launched by which country?

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



- ✓ China launched the Yunhai-3 02 satellite for environmental monitoring from Taiyuan Satellite Launch Center in Shanxi Province. The satellite, now in its designated orbit, will focus on atmospheric and marine environment detection, space environment monitoring, disaster prevention, and scientific research.

11. Cumbum valley is located in which district of Tamil Nadu?

- A. Madurai
- B. Tenkasi
- C. Theni
- D. The Nilgiris



- ✓ Cumbum Valley, known as the “Grapes City of South India,” is known for Panneer Thratchai grapes, comprising 85% of India’s production. Introduced in 1832 by a French priest, these grapes thrive year-round, unlike elsewhere. Recognized for its rapid growth and early maturity, it earned a Geographical Indication tag in 2023. Cumbum Valley’s grapes, rich in nutrients, are used for wine, spirits, and more. Its location in Tamil Nadu’s Western Ghats adds to its allure.

12. Gagan Shakti 2024 exercise, recently conducted by Indian Air Force at which place?

- A. Jaipur
- B. Pokhran
- C. Jodhpur
- D. Ajmer



- ✓ The Indian Air Force (IAF) is set to conduct ‘Gagan Shakti-2024’, the nation’s largest air military exercise, involving all Air Force stations. Held every five years, it will commence on April 1, 2024, at Pokhran’s field firing range. Approximately 10,000 airmen will participate, with maneuvers spanning the Western and Northern fronts.

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1. Recently, which institute hosted the International Chess Federation (FIDE) rated chess tournament?

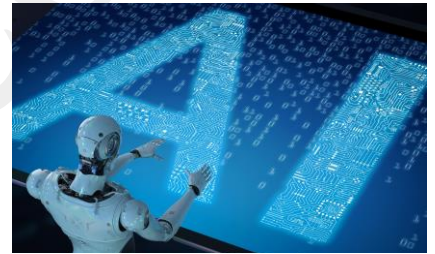
- A. IIT Madras
- B. IIT Kanpur
- C. IIT Delhi
- D. IIT Hyderabad



- ✓ **IIT Madras hosts the 6th Shaastra Rapid FIDE Rated Chess Tournament from March 30 to 31, 2024, in Chennai. It's the sole IIT in India to conduct an annual Open Rapid Rating Tournament. Over 35 players from IIT Madras join, alongside international players from countries like Australia, England, America, and Singapore.**

2. What is 'Stargate'?

- A. Black hole
- B. Meteorological satellite
- C. AI Supercomputer
- D. Nuclear powered submarine



- ✓ **Microsoft and OpenAI are jointly embarking on a \$100 billion project to create "Stargate," an AI supercomputer. Scheduled for launch in 2028, it follows OpenAI's AI upgrade in 2022. The project aims to surpass existing data centers' capabilities by 100 times. Divided into five phases, with Stargate as the fifth, a smaller fourth-phase supercomputer is slated for release in 2026.**

3. Recently, who was honored with the 'International Culture Award 2024'?

- A. Rizwana Hasan
- B. Meena Charanda
- C. Najla Mangoush
- D. Taif Sami Mohammed



- ✓ **Professor Meena Charanda, Principal of Kalindi College, Delhi University, received the 'International Culture Award' in 2024 for her exceptional contributions to education and social service. The honor was bestowed upon her at the India International Center on March 30, 2024.**

4. What is the name of the Iranian fishing vessel which was recently rescued by Indian Navy from pirates?

- A. Bayandor
- B. Kaivan
- C. Sahand
- D. Al Kamar



- ✓ The Indian Navy rescued the Iranian fishing vessel Al Kamar and its 23 Pakistani crew members from armed pirates in the Indian Ocean under Operation Sankalp. INS Sumedha and INS Trishul conducted the operation, about 90 nautical miles southwest of Socotra. The Socotra Archipelago, near the Gulf of Aden, is under Yemen's jurisdiction.

5. *Cnemaspis vangoghi* belongs to which species?

- A. Lizard
- B. Spider
- C. Fish
- D. Frog



- ✓ Scientists from the Thackeray Wildlife Foundation in India discovered *Cnemaspis vangoghi*, a new lizard species in Tamil Nadu's Southern Western Ghats. Named after Vincent Van Gogh, it measures up to 3.4 cm. Preferring rocky habitats, it can be found on buildings and trees. Alongside *C. vangoghi*, another species, *Cnemaspis sathuragiriensis*, was identified in the same region. Both species inhabit low-elevation forests in the Srivilliputhur-Megamalai Tiger Reserve.

6. Eco-Niwas Samhita (ENS), a residential energy conservation building code, was developed by which organization?

- A. Indian Renewable Energy Development Agency (IREDA)
- B. Council of Scientific & Industrial Research (CSIR)
- C. Bureau of Energy Efficiency (BEE)
- D. Department of Science and Technology



- ✓ The Eco-Niwas Samhita (ENS) introduced the Residential Envelope Transmittance Value (RETV), a metric measuring heat transfer in buildings. It's a Residential Energy Conservation Building code by the Bureau of Energy Efficiency (BEE), setting standards for energy-efficient residential buildings. ENS 2018 (Part 1) focuses on envelope designs, while ENS Part 2 (ENS 2021) addresses code compliance and electromechanical systems. Lower RETV values lead to cooler indoor environments and decreased energy usage.

7. Point Calimere Wildlife Sanctuary is located in which district of Tamil Nadu?

- A. Thanjavur
- B. Nagapattinam
- C. Sivaganga
- D. Pudukkottai

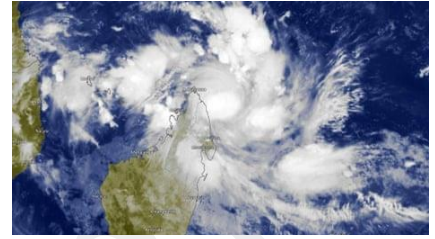


- ✓ The Forest Department conducted the annual wildlife census at Point Calimere, located in Kodiakkarai, Tamil Nadu. Also known as Cape Calimere, it's situated on the Coromandel Coast, about 9 km south of Vedaranyam.

- ✓ This area boasts historical significance with structures like the Kodi Kuzhagar temple from the Chola period and a Chola lighthouse, destroyed during the 2004 Indian Ocean tsunami. The forests here are remnants of the East Deccan dry evergreen forests ecoregion.

8. Recently, which country of East Africa was hit by the tropical cyclone named 'Gamane'?

- A. Madagascar
- B. Tanzania
- C. Kenya
- D. Mauritius



- ✓ Tropical cyclone Gamane struck Madagascar, claiming 18 lives and displacing thousands, reported by the country's disaster management office. Madagascar, the world's second-largest island, spans 592,800 sq. kilometers in the Indian Ocean. Its geography comprises three regions: eastern coastal strip, central plateau, and western low plateaus.

9. P-800 Onyx Missile is developed by which country?

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



- ✓ Russia's Onyx supersonic cruise missile, known as the P-800 Onyx or Oniks, is set to become deadlier with a new target seeker. With speeds exceeding 3,000 km/h, it's tough to intercept. Operating at low altitudes, it's stealthy and versatile, targeting ships and ground objects. It boasts a range of up to 300 km.

10. What is 'INDRA App'?

- A. A multipurpose app that will help astronauts to carry activities
- B. It disseminates weather related information and forecasts
- C. It provides digital financial data to states
- D. It is related to Anganwadi workers



- ✓ The INDRA app, launched during World Meteorological Day celebrations by School of Naval Oceanology & Meteorology and Indian Naval Meteorological Analysis Centre at Southern Naval Command, facilitates weather information dissemination. Developed by BISAG and Indian Navy, it aids quick decision-making.

11. Recently, which ministry issued an advisory to the Artificial Intelligence industry?

- A. Ministry of Communication
 B. Ministry of Electronics and Information Technology
 C. Ministry of Information and Broadcasting
 D. Ministry of Law and Justice



- ✓ **The Ministry of Electronics and Information Technology (MeitY) issued an advisory to the AI industry, particularly targeting major platforms like Google. It requires platforms to submit an action report within 15 days. Key points include needing permission for testing AI models, explicit approval for under-tested or unreliable AI, and proper labeling of potential errors.**

12. Maravakandy Dam is located in which state?

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



- ✓ **With fishing halted, migratory birds flock to Maravakandy Dam in the Nilgiris. Situated 35 km from Ooty in Tamil Nadu, it was constructed in 1951 over Aravarihalla stream, a Sigur River tributary. This dam serves as the main water source for the Moyar hydroelectric powerhouse, attracting diverse avian species during migratory seasons.**

13. Katchatheevu Island is situated between which two countries?

- A. India and Bangladesh
 B. India and Myanmar
 C. India and Sri Lanka
 D. Spain and France



- ✓ **Documents obtained through an RTI application by Tamil Nadu's BJP chief K Annamalai reveal India's inconsistent approach to the Katchatheevu island dispute with Sri Lanka. Katchatheevu, a small island in the Palk Strait, lacks a permanent settlement and freshwater source. Administered by both India and Sri Lanka historically, a 1974 agreement marked its boundary.**

14. 2024 - Utkal Divas is related with which state?

- A. Odisha B. Bihar
 C. Jharkhand D. Telangana



- ✓ Utkal Diwas, also known as Odisha Day, commemorates the formation of Odisha on April 1, 1936. It signifies the state's cultural and historical significance, marking the end of a struggle for a separate identity from British colonial rule. Celebrated annually, it showcases Odisha's rich heritage through festivities, including decorations and cultural displays.

15. Recently, how many sites have been added to the Global Geoparks network?

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



- ✓ In March 2024, UNESCO's Executive Board added 18 new sites to the Global Geoparks network, bringing the total number of sites to 213 across 48 countries. The new sites are located in Belgium, the Netherlands, Brazil, China, Croatia, Denmark, Finland, France, Greece, Hungary, Poland, Portugal, and Spain. Global Geoparks are single geographical areas that are managed with a holistic concept of protection, education, and sustainable development.

16. Recently, which city is being established by the armed forces as the country's first tri-service common defense station?

- A. Chennai
- B. Mumbai
- C. Vellore
- D. Barrackpore



- ✓ The Armed Forces plan to transform Mumbai into India's inaugural tri-service common defense station for the Army, Navy, and Indian Air Force (IAF). This aims at fostering jointness among the services preceding the establishment of integrated theatre commands. Theatreization involves integrating army, air force, and navy capabilities to optimize resources for warfare.

17. Recently, who clinched the 2024 Miami Open men's doubles title at the Hard Rock Stadium in Florida, USA?

- A. Carlos Alcaraz and Sinner Jannik
- B. Rohan Bopanna and Matthew Ebden
- C. Daniil Medvedev and C. Norrie
- D. Ivan Dodig and Austin Krajicek



- ✓ Indian tennis star Rohan Bopanna, with Australian partner Matthew Ebden, secured the 2024 Miami Open men's doubles title on March 31, 2024, at the Hard Rock Stadium, Florida. They overcame Ivan Dodig and Austin Krajicek, reclaiming their ATP World No.1 rank. Bopanna, breaking his own record, became the oldest player to win an ATP 1000 Masters Championship.

18. Clean Energy Transitions Programme annual report 2023, recently released by which government agency?

- A. International Energy Agency (IEA)
- B. Bureau of Energy Efficiency (BEE)
- C. Ministry of Petroleum and Natural Gas
- D. Ministry of Power



- ✓ The International Energy Agency (IEA) recently released its 2023 Clean Energy Transitions Programme report. Established in 2017, the program aims to accelerate global progress towards a net-zero energy system, aligning with the Paris Agreement and UN Sustainable Development Goals. IEA, founded in 1974 amidst an oil crisis, operates within the OECD framework, collaborating with governments and industries worldwide. With 31 member countries and stringent criteria for candidacy, it focuses on shaping a secure, sustainable energy future.

19. Recently, who were named the women's and men's player of the year, respectively, at the sixth annual Hockey India Awards?

- A. Gurjit Kaur and Manpreet Singh
- B. Rani Rampal and Vivek Prasad
- C. Salima Tete and Hardik Singh
- D. Savita Punia and Krishan Pathak



- ✓ Hockey India Awards 2023 were held on March 31, 2024, in New Delhi. Salima Tete and Hardik Singh were named Women's and Men's Players of the Year, respectively. Started in 2014, the awards honor India's top hockey talents. Hardik Singh, Vice-Captain from Punjab, won FIH Player of the Year and Best Midfielder awards. Salima Tete, from Jharkhand, received recognition for her achievements at the Asian Games and as the AHF Emerging Player of the Year.

20. Recently, which state emerged as the largest exporter of electronic goods, contributing 30% to the country's total electronic goods exports in FY 2023-24?

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



- ✓ Tamil Nadu is India's largest exporter of electronic goods, contributing 30% to the country's total electronic goods exports in FY 2023-24. From April 2023 to January 2024, Tamil Nadu's electronics exports were valued at \$7.37 billion, which is 32.52% of India's total export of electronic system design and manufacturing (ESDM) goods of \$22.65 billion for the same period. Historically, Tamil Nadu lagged behind Uttar Pradesh and Karnataka in this sector until FY 2021-22. However, in recent years, Tamil Nadu has experienced consistent growth.

21. Vaigai, Mettur, and Papanasam dams, recently seen in news due to water level, are located in which state?

- A. Tamil Nadu
- B. Kerala
- C. Madhya Pradesh
- D. Goa



- ✓ Recent news highlighted water levels in several dams including Vaigai, Mettur, and Papanasam. Vaigai Dam in Tamil Nadu serves Madurai's water needs. Mettur Dam, on the Cauvery River, is one of India's largest, with inflows from Karnataka. Papanasam Dam irrigates fields in Tirunelveli and Tuticorin, considered holy due to its association with Lord Shiva.

22. Chamayavilakku festival is associated with which state?

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



- ✓ Chamayavilakku or the Kottankulangara Festival, celebrates goddess Bhagavathy in Kerala. Men don women's attire, carrying lamps in processions. They hold Chamayavilakku, symbolizing devotion, circling the temple. Boys under 10 dress as girls for Kakkavilakku daytime rituals.

23. Recently, who has been appointed as India's next ambassador to Niger?

- A. Pankaj Saran
- B. P R Chakraborty
- C. Vikram Misri
- D. Sita Ram Meena



- ✓ Sita Ram Meena, a 2008 batch IFS officer, has been appointed as India's Ambassador to the Republic of Niger. Previously serving as Deputy Secretary in the Ministry of External Affairs, this appointment marks a significant career advancement. Mr. Meena's diplomatic experience and expertise position him well for this new role, which underscores India's commitment to strengthening ties with Niger on the international stage.

24. What is the theme of World Autism Awareness Day 2024?

- A. Empowering Autistic Voices
- B. The Transition to Adulthood
- C. Inclusive Quality Education for All
- D. Assistive Technologies, Active Participation

- ✓ World Autism Awareness Day, observed annually on April 2nd, advocates for improving the lives of individuals with autism and promoting their human rights. Established by a UN resolution in 2007, the day raises public awareness and encourages inclusive actions. The 2024 theme for the day is, "Empowering Autistic Voices".

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1. Recently, which port in India emerged as the top cargo-handling port in India in 2023-24?

- A. Karaikal port
- B. Paradip port
- C. Kandla port
- D. Kochi port



- ✓ **Paradip Port Authority in Odisha surpassed Deendayal Port Authority in Kandla as India's top cargo-handling major port in 2023-24. Handling 145.38 MMT of cargo, it registered a 7.4% growth from the previous year. It's capable of handling 289 MMT. Established in 1962, it became India's 8th major port in 1966, now under the Ministry of Ports.**

2. Judith Suminwa Tuluka became the first woman Prime Minister of which country?

- A. Angola
- B. Zambia
- C. Congo
- D. Rwanda



- ✓ **Judith Suminwa Tuluka became the Democratic Republic of Congo's first female Prime Minister, succeeding Jean-Michel Sama Lukonde. This historic appointment by President Felix Tshisekedi fulfilled a campaign promise. Tuluka, former Planning Minister, and assumed office just a month after Lukonde resigned from the position, which he held for three years.**

3. REC Limited, recently won the SKOCH ESG Award 2024, comes under which ministry?

- A. Ministry of Power
- B. Ministry of Defence
- C. Ministry of Agriculture
- D. Ministry of Corporate Affairs



- ✓ **REC Limited, a Ministry of Power entity, clinched the SKOCH ESG Award 2024 in 'Renewable Energy Financing'. This accolade acknowledges REC's dedication to sustainable financing, driving the shift towards renewable energy. As a pivotal player in India's clean energy transition, REC spearheads numerous sustainable projects and engages in discussions with developers across various green sectors. The SKOCH ESG Awards highlight organizations' commitment to environmental, social, and governance factors, crucial for India's sustainable future.**

4. Antiretroviral Therapy (ART) initiative is related to which disease?

- A. Dengue
- B. HIV/AIDS
- C. Tuberculosis
- D. Malaria



- ✓ The completion of twenty years of the Free Antiretroviral Therapy (ART) initiative marks a significant milestone in HIV/AIDS treatment. Started on April 1, 2004, it provides vital treatment for Persons living with HIV (PLHIV). This initiative utilizes a combination of drugs to suppress HIV replication, drastically reducing HIV prevalence and new infections globally. In 2023, HIV prevalence in 15–49-year-olds dropped to 0.20%, with India's share in PLHIV decreasing to 6.3%.

5. Shigmo festival is celebrated in which state?

- A. Karnataka
B. Madhya Pradesh
C. Odisha
D. Goa



- ✓ Spring has sprung in Goa, igniting the vibrant Shigmo Festival, celebrating Konkan tradition. Lasting from March 26 to April 8, 2024, it bids farewell to winter, welcoming spring's warmth. A fusion of Holi's energy and carnival's flamboyance, Shigmo showcases grand parades with folk performances and mythological floats.

6. Who won the 56th National Kho Kho Championship 2023-24?

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



- ✓ The 56th National Kho Kho Championship 2023-24 saw Maharashtra dominating both men's and women's categories at Delhi's Karnail Singh Stadium and Indira Gandhi Indoor Stadium. Maharashtra's men's team won against Indian Railways in a thrilling final, while the women's team led by Sampada Maurya triumphed over Airport Authority of India. The championship featured 37 teams in each category, organized by the Kho Kho Federation of India.

7. Recently, which institution established the Digital India Trust Agency (DIGITA) as a new tool to combat cybercrime?

- A. RBI
B. CBI
C. SEBI
D. NABARD



- ✓ The Reserve Bank of India (RBI) plans to establish the Digital India Trust Agency (DIGITA) to counter cybercrime, focusing on legal app approval and curbing illegal loan apps. DIGITA aims to centralize verification of digital lending apps, ensuring compliance with RBI regulations.

8. "A Decade of Documenting Migrant Deaths" report, recently released by which organization?

- A. International Labour Organization (ILO)
- B. World Trade Organization (WTO)
- C. International Monetary Fund (IMF)
- D. International Organization for Migration (IOM)



- ✓ **The International Organization for Migration (IOM) published "A Decade of Documenting Migrant Deaths" marking ten years of its Missing Migrants Project (MMP), initiated in 2014. Key findings reveal over one-third of migrants from conflict zones, with two-thirds of deaths unidentified. Major causes include drowning, accidents, and suffocation.**

9. What is 'bridge fuel'?

- A. Natural gas
- B. Coal
- C. Wind energy
- D. Solar energy



- ✓ **Natural gas is often termed a 'bridge fuel' aiding country in transitioning from coal and oil to renewable energy. As society shifts towards cleaner energy, bridge fuels like natural gas aim to minimize environmental impact. While natural gas emits less greenhouse gases, its role as a bridge fuel also hinges on factors like enhancing energy independence and reducing pollution costs.**

10. Kodaikanal Solar Observatory is situated in which district of Tamil Nadu?

- A. Madurai
- B. Theni
- C. Dindigul
- D. Karur



- ✓ **The Kodaikanal Solar Observatory celebrating its 125th year, is an Indian Institute of Astrophysics facility in Tamil Nadu. Pioneering in solar physics, it gained fame with John Evershed's discovery of the Evershed Effect in 1909. Over centuries, it's been pivotal in studying solar eclipses, sunspots, and solar flares, crucial for understanding the Sun's impact on Earth's atmosphere.**

11. 'One Vehicle One FASTag' initiative is launched by which organization?

- A. IREDA
- B. BHEL
- C. NHAI
- D. NPCI



- ✓ The National Highways Authority of India (NHAI) launched the 'One Vehicle One FASTag' initiative to boost the adoption of FASTags for toll collection on national highways. It aims to link each vehicle with a single FASTag, curbing misuse of multiple tags per vehicle. This move enhances toll collection efficiency and streamlines the process, contributing to smoother traffic flow.

12. Recently, who has become the sole Indian weightlifter who qualified for the Paris Olympics 2024?

- A. Mirabai Chanu
- B. Kunjarani Devi
- C. Gurdeep Singh
- D. Karnam Malleswari



- ✓ Mirabai Chanu, Tokyo Olympics medallist, secures her spot at the Paris Olympics, making history as the sole Indian weightlifter to qualify. At the IWF World Cup in Phuket, Thailand, the 29-year-old Olympic silver medalist finished third in Group B of women's 49kg, earning 11th place overall. After a six-month injury lay-off, Chanu lifted a total of 184kg at the event, solidifying her berth for the 2024 Paris Games.

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1. What is the name of the Indian Coast Guard ship that recently made a port call in Vietnam as part of its overseas deployment to ASEAN countries?

- A. Tara Bai
- B. Samrat
- C. Samudra Paheredar
- D. Priyadarshini



- ✓ **The Indian Coast Guard (ICG) Pollution Control Vessel Samudra Paheredar, along with a helicopter, docked at Ho Chi Minh, Vietnam on April 02, 2024, continuing its ASEAN deployment. Crew will focus on marine pollution response, search & rescue, and law enforcement through professional interactions, training, and sports events with Vietnam Coast Guard.**
- ✓ **Demonstrating India's shipbuilding prowess, the visit strengthens bilateral ties and showcases cooperation. 25 NCC cadets will join in environmental activities.**

2. 'NICES Programme' is operated by which organization?

- A. ISRO
- B. DRDO
- C. IEA
- D. SEBI



- ✓ **NICES programme, operated by ISRO and the Department of Space, called upon Indian researchers to combat climate change. Launched in 2012 under the National Action Plan on Climate Change, NICES monitors climate variability using Earth Observation satellites. Its objectives include disseminating Essential Climate Variables crucial for understanding Earth's climate.**

3. Bindyarani Devi belongs to which sports?

- A. Hockey
- B. Swimming
- C. Boxing
- D. Weight lifting



- ✓ **Bindyarani Devi, Birmingham Commonwealth Games 2022 silver medalist, secured a bronze at the IWF World Cup 2024 in Phuket, Thailand, lifting 196 kg in the women's 55 kg category. Conversely, Tokyo Olympics silver medalist Mirabai Chanu placed 12th. Despite not medaling, Chanu qualified for the Paris Olympics 2024, becoming India's sole weightlifter to do so. Kang Hyon Gyong of North Korea clinched gold, while Romania's Mihaela Cambei took silver.**

4. Recently, who has taken over as president of industry body ASSOCHAM for 2024-25?

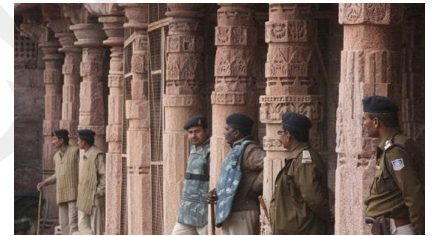
- A. Vineet Aggarwal
- B. Sanjay Nayar
- C. Deepak Sood
- D. Sunil Kanoria



- ✓ **Sanjay Nayar, former chairman of Sorin Investment Fund, assumes presidency at ASSOCHAM for 2024-25, succeeding Ajay Singh of SpiceJet. Nayar, with extensive global financial experience, notably at Citigroup and KKR, retired in 2023. He played pivotal roles in establishing KKR India operations and serves on Nykaa's board.**

5. Bhojshala Complex is situated in which state?

- A. Karnataka
- B. Madhya Pradesh
- C. Odisha
- D. Goa



- ✓ **The Bhojshala complex, located in Dhar district, Madhya Pradesh, is a historically contested site between Hindus and Muslims. Protected by the Archaeological Survey of India, it holds significance as a temple for Hindus and a mosque for Muslims.**
- ✓ **An arrangement by ASI allows Hindus to conduct pujas on Tuesdays and Muslims to offer namaz on Fridays. Recently, the Supreme Court rejected a stay on ongoing scientific surveys, emphasizing no physical alterations to the structure.**

6. What is the theme of 'International Mining Awareness Day 2024'?

- A. Protecting Lives, Building Peace
- B. Safe Ground, Safe Steps, Safe Home
- C. Together for Mine Action
- D. Perseverance, Partnership, and Progress



- ✓ **International Mine Awareness Day, observed annually on April 4th, aims to raise awareness and eliminate landmines. The 2024 theme is "Protecting Lives, Building Peace." Previously, in 2023, the focus was "Mine Action Cannot Wait." This day established by the UN General Assembly in 2005.**

7. Which region of West Bengal was recently struck by a devastating tornado?

- A. Maynaguri
- B. Siliguri
- C. Darjeeling
- D. Kolkata



- ✓ Recently, a destructive tornado hit Mainaguri, Jalpaiguri district, West Bengal, leaving five dead and over a hundred injured within its 10-minute rampage. Tornadoes, though rare, afflict India's eastern regions like West Bengal, Odisha, and Jharkhand, especially pre-monsoon.
- ✓ A 2016 study by India Meteorological Department noted increased tornado activity in Bengal, with fatalities. Rising occurrences in India are attributed to factors like warming Bay of Bengal and unusual wind patterns.

8. Which organization recently collaborated with the Tamil Nadu State Forest Department for the successful radio-collaring of Nilgiri Tahr in Mukurthi National Park?

- A. World Health Organization (WHO)
- B. World Wildlife Fund (WWF)
- C. Wildlife Conservation Society (WCS)
- D. United Nations Environment Programme (UNEP)



- ✓ The Tamil Nadu State Forest Department, with WWF-India, radio-collared a male Nilgiri Tahr in Mukurthi National Park, marking the first collar operation without tranquilization. Nilgiri Tahr, also called Varaiyaadu, is Tamil Nadu's state animal and the sole mountain ungulate in southern India. With an endangered status, its habitat spans the Western Ghats.

9. What is Kallakkadal?

- A. Coastal flooding caused by swell waves
- B. A loosely defined region in the western part of North Atlantic Ocean
- C. It is traditional fishing technique in South India
- D. Newly discovered asteroids



- ✓ High sea waves, termed swell waves have flooded coastal homes in Kerala, known locally as Kallakkadal or swell surge. Occurring primarily during pre-monsoon and sometimes post-monsoon, Kallakkadal results from distant storms generating ocean swells. Coined by fishermen, Kallakkadal signifies the sea's thief-like arrival. These waves originate from the southern Indian Ocean, taking several days to reach Kerala's coast. UNESCO recognized the term in 2012.

10. According to World Bank, what is the projected economic growth of India for FY 2024-25?

- A. 6.3%
- B. 6.4%
- C. 6.6%
- D. 6.8%



- ✓ The World Bank revised India's GDP growth projection for FY 2024-25 to 6.6%, up by 20 basis points. Despite a slowdown from the current year's estimated 7.5% growth, robust public investment is anticipated to drive future growth. India's statistics ministry estimated the current year's GDP growth at 7.6%, higher than earlier projections.

- ✓ The projected slowdown in growth from 2023-24 to 2024-25 is attributed to decreased investment, though services and industry sectors are expected to remain strong.

11. LEADS programme 2024, is recently launched by which organization?

- A. Federation of Indian Chambers of Commerce & Industry (FICCI) & Reserve Bank of India (RBI)
 B. Indian National Science Academy (INSA) & National Centre for Good Governance (NCGG)
 C. Indian Space Research Organisation (ISRO)
 D. National Bank for Agriculture and Rural Development (NABARD)

- ✓ The 2nd INSA-NCGG LEADS program, held in New Delhi from April 1-7, 2024, is a collaborative effort between the Indian National Science Academy (INSA) and the National Centre for Good Governance (NCGG). It aims to cultivate future leaders in science and technology, promoting visionary leadership and scientific excellence in India.

12. Recently, President of India launched India's first indigenous gene therapy for cancer at which place?

- A. IIT Chennai
 B. IIT Mumbai
 C. IIT Hyderabad
 D. IIT Delhi



- ✓ India's President Droupadi Murmu, launched the nation's inaugural home-grown gene therapy for cancer at IIT Mumbai. The groundbreaking "CAR-T cell therapy" offers affordable hope in the cancer fight. This medical milestone, a part of 'Make in India,' embodies 'Atmanirbhar Bharat.' Developed collaboratively by IIT Mumbai, Tata Memorial Hospital, and ImmunoACT, it marks a significant achievement in research and development.

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1. Perungamanallur Massacre is associated with which state?

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



- ✓ Political outfits and leaders honored the 104th anniversary of the Perungamanallur massacre in Madurai, Tamil Nadu. On April 3, 1920, 16 Piramalai Kallar community members were killed, protesting the oppressive Criminal Tribes Act of 1911. The massacre symbolizes resistance against colonialism. Britishers used the Act for fingerprinting and population control. Eventually repealed after Independence, the Act underwent amendments over the years, marking progress in mitigating its draconian measures.

2. Recently, which ministry launched the 'myCGHS app' for iOS devices?

- A. Ministry of Agriculture
- B. Ministry of Health and Family Welfare
- C. Ministry of Rural Development
- D. Ministry of Power



- ✓ The Ministry of Health and Family Welfare recently launched the myCGHS app for iOS devices. Developed by the National Informatics Centre (NIC), it aims to improve access to Electronic Health Records and resources for CGHS beneficiaries. The app offers services such as appointment booking, accessing lab reports, and checking medical reimbursement status. It's designed to enhance information and accessibility for CGHS beneficiaries.

3. Recently, which airport became the 14th airport in India to launch the Digi Yatra system?

- A. Jay Prakash Narayan Airport, Bihar
- B. Shaheed Bhagat Singh International Airport, Chandigarh
- C. Manohar International Airport, Goa
- D. Devi Ahilyabai Holkar Airport, Madhya Pradesh



- ✓ The Manohar International Airport, Mopa, joins 13 others in India adopting the Digi Yatra system, enhancing travel convenience. Launched by Union Civil Aviation Minister Jyotiraditya Scindia, it utilizes facial recognition to streamline passenger verification, reducing wait times and simplifying procedures. Passengers download the DigiYatra app, link it to their Aadhaar number, and create a Digi Yatra ID for ticket purchase. At the airport, scanning the boarding pass initiates facial recognition for seamless entry.

4. Recently, what target has the India set for the export of marine products in 2023-24?

- A. \$9.1 billion
- B. \$7.7 billion
- C. \$8.6 billion
- D. \$11.1 billion



- ✓ India aims to boost marine product exports to \$12 billion in two years through increased processing capacity and higher-value products. In 2022-23, exports totaled \$8.09 billion. However, from April to February 2023-24, exports dipped 7.5% to \$6.8 billion, largely due to decreased exports to the US and Europe. The government targets \$9.1 billion in exports for 2023-24. India ranks third in fish production globally and second in aquaculture.

5. PRATUSH telescope developed by which organization?

- A. DRDO
- B. ISRO
- C. NASA
- D. Ministry of Earth Sciences



- ✓ Astronomers are eagerly anticipating a groundbreaking endeavor to unveil new cosmic insights with high-resolution telescopes deployed on the moon and in lunar orbit. India's contribution, PRATUSH (Probing ReionizATIion of the Universe using Signal from Hydrogen), is a radio telescope to be positioned on the moon's far side. Built by the Raman Research Institute (RRI) in Bengaluru with collaboration from ISRO, PRATUSH aims to detect signals from the universe's infancy.

6. Which organization recently introduced a digital health promoter prototype, 'SARAH', harnessing generative AI for public health?

- A. WHO
- B. WTO
- C. ILO
- D. UNDP



- ✓ The World Health Organization has introduced S.A.R.A.H, a digital health promoter prototype powered by generative Artificial Intelligence (AI).
- ✓ S.A.R.A.H, or Smart AI Resource Assistant for Health, utilizes advanced language models and technology to offer information on various health topics like healthy habits and mental health. Its goal is to empower individuals with additional tools to understand their health rights, including insights on leading causes of death such as cancer, heart disease, lung disease, and diabetes.

7. Recently, venomous jellyfish blooms have been sighted at which place?

- A. Paradip Coast, Odisha
- B. Visakhapatnam coast, Andhra Pradesh
- C. Utkal Coast, Odisha
- D. None of the above



- ✓ **Venomous *Pelagia noctilucas*, or purple-striped jellyfish, are blooming along Visakhapatnam's coast in Andhra Pradesh. Jellyfish blooms occur when populations rapidly increase due to warm ocean temperatures. These blooms detrimentally impact fishing and tourism industries. Natural factors like ocean and wind currents can also contribute to these occurrences.**

8. Recently, which organization has partnered with Panasonic Energy to create a joint venture for producing lithium-ion cells in India?

- A. Oil and Natural Gas Corporation (ONGC)
- B. International Atomic Energy Agency (IAEA)
- C. Indian Oil Corporation Ltd (IOCL)
- D. Bharat Heavy Electricals Ltd (BHEL)



- ✓ **Indian Oil Corporation Ltd. (IOCL) has partnered with Panasonic Energy to establish a joint venture for lithium-ion cell production in India. This collaboration aims to support India's goal of achieving net-zero greenhouse gas emissions by 2070.**

9. Which day is celebrated as 'International Day of Conscience' every year?

- A. April.05
- B. April.06
- C. April.07
- D. April.08



- ✓ **International Conscience Day, observed annually on April 5th, urges individuals to reflect on their conscience and uphold moral values. The 2024 theme is 'Promoting a Culture of Peace with Love and Conscience.' Instituted by the UN in 2020, this day stresses the importance of discretion in preventing harm.**

10. Recently, which organization have successfully conducted a flight test of 'Agni Prime', a medium range ballistic missile (MRBM)?

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



- ✓ India's DRDO and Strategic Forces Command successfully tested the 'Agni-Prime' ballistic missile at Dr APJ Abdul Kalam Island, Odisha. Witnessed by top officials, Agni-P is a medium-range ballistic missile with nuclear capabilities, designed as successor to Agni-I and II. It boasts a 1,000-2,000 km strike range, advanced technology from Agni-IV/V, and features composite materials for lightweight and strength.

11. Recently, archaeologists from Kerala University unearthed a 5,200-year old Harappan settlement at which place?

- A. Padta Bet, Gujarat
- B. Bhirrana, Haryana
- C. Desalpur, Gujarat
- D. Hisar, Haryana



- ✓ Archaeologists from Kerala University recently uncovered a 5,200-year-old Harappan settlement at Padta Bet near Juna Khatiya, Gujarat. The site is adjacent to an Early Harappan necropolis. Archaeobotanical samples were collected for plant identification and understanding agricultural practices. Previously, a mass burial site with 500 graves was discovered nearby. The recent excavation revealed skeletons, pottery, animal bones, semi-precious stones, terracotta spindle whorls, copper, and various tools.

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

- A. Navigating the Future: Safety First
- B. Amrit Kaal in shipping
- C. Sustainable Shipping
- D. New technologies for greener shipping



- ✓ National Maritime Day, observed annually on April 5th, honors the pivotal role of maritime transport in global trade. It commemorates the 1919 voyage of SS Loyalty from Mumbai to London. Additionally, 'World Maritime Day' is celebrated on the last Thursday of September, with the 2024 date set for September 26th. This year's theme for India's National Maritime Day, declared by the Union Shipping Ministry, is "Navigating the Future: Safety First."

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1. Recently, which country developed the world's most powerful laser?

- A. Bulgaria
- B. Estonia
- C. Romania
- D. Sweden



- ✓ Romania has developed the world's most powerful laser, which is part of the European Union's Infrastructure ELI project. The laser, called the "Extreme Light Infrastructure-Nuclear Physics"-(ELI-NP) laser, is located in Magurele, Romania, near Bucharest. It uses Chirped-Pulse Amplification, which is a groundbreaking technology based on the inventions of Nobel Physics Prize winners Gerard Mourou and Donna Strickland. The laser is operated by the French company Thales and is expected to have revolutionary applications in healthcare and space exploration.

2. Papikonda National Park is located in which state?

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



- ✓ The Andhra Pradesh government is taking measures to prevent forest fires in Papikonda National Park, receiving technical assistance. PNP, located in the Eastern Ghats, is crucial for high precipitation and hosts the river Godavari. Established as a wildlife sanctuary in 1978 and upgraded to a national park in 2008, it's recognized as an Important Bird and Biodiversity Area by BirdLife International. The region also boasts a unique dwarf goat breed, the "kanchu mekha."

3. Akashteer Air Defence System developed by which organization?

- A. Hindustan Shipyard Ltd
- B. Bharat Electronics Limited
- C. Power Grid Corporation of India
- D. Oil and Natural Gas Corporation Ltd



- ✓ On Apr.04, 2024, the Indian Army integrated the 'Akashteer Command and Control System' into its Air Defence Corps to bolster air defence security. Developed by BEL, this advanced system is part of India's self-reliance initiative.
- ✓ The Army's 'Year of Technological Absorption' in 2024 aims to expedite the integration of modern technologies, reinforcing India's air defence capabilities. Akashteer signifies a leap in India's military preparedness, enhancing its response to evolving threats.

4. Recently, which state has filed a suit at the Supreme Court claiming that the Centre is withholding national disaster relief funds?

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



- ✓ **Tamil Nadu has sued the Centre at the Supreme Court, alleging withholding of national disaster relief funds post-Cyclone Michaung and floods in 2023. Disaster relief funds stem from the State Disaster Relief Fund (SDRF) and National Disaster Relief Fund (NDRF), established under the Disaster Management Act, 2005 after the 2004 tsunami. NDRF encompasses severe calamities like cyclones, droughts, and floods, necessitating additional funding beyond SDRF.**

5. Recently, which space organization is going to establish a Coordinated Lunar Time for the moon and other celestial bodies?

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



- ✓ **The White House has instructed NASA to create a unified time standard, Coordinated Lunar Time (LTC), for the moon and celestial bodies. This aims to set international norms in space amid a competitive lunar race. LTC, to be developed by 2026, will account for lunar gravitational forces and facilitate precision in missions and data transfers.**

6. Recently, who was awarded the 15th CIDC Vishwakarma Award 2024 for Corporate Social Responsibility (CSR) Contribution?

- A. NHPC
- B. POWERGRID
- C. SJVN Limited
- D. NTPC



- ✓ **SJVN Limited received the 15th CIDC Vishwakarma Award 2024 for Corporate Social Responsibility (CSR) Contribution. The company also secured the 'Achievement Award for Social Development and Creating Impact' and the 'CIDC Partners in Progress Trophy'.**
- ✓ **Geeta Kapur, Chairperson and Managing Director, highlighted SJVN's commitment to CSR initiatives, managed through the SJVN Foundation. SJVN spent over Rs 450 crore on diverse CSR activities including education, healthcare, infrastructure, disaster relief, and cultural promotion. CGM (HR) Baljit Singh accepted the awards.**

7. Which organization has recently introduced a new AI model known as Voice Engine that can replicate any voice in any language?

- A. Deep Mind
- B. OpenAI
- C. Machine Intelligence Research Institute
- D. IBM



- ✓ **OpenAI unveils Voice Engine, a groundbreaking AI capable of mimicking any voice in any language. Users upload short audio samples to generate speech in the same voice. It's unreleased to the public but has diverse applications such as aiding reading, translating, and assisting patients' voice recovery.**

8. Pathimalai Cave, recently seen in news due to ancient rock paintings, is located in which state?

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



- ✓ **The Pathimalai cave hosts ancient rock art, approximately 3,000 years old, depicting an elephant, a chariot (sometimes interpreted as a peacock), and early dwellers' lives. Located near Coimbatore, Tamil Nadu, the site lacks protection, endangering the paintings.**
- ✓ **This artwork, drawn in white pigments, is significant in the Kongu region. Unlike other rock art sites, Pathimalai is easily accessible, situated at the base of a rocky hillock amidst farmland, drawing visitors' attention.**

9. What type of comet is the "Mother of Dragons" comet?

- A. Halley Comet
- B. Tempel Comet
- C. Encke Comet
- D. Kuiper Belt Comet



- ✓ **The "Mother of Dragons" comet, officially Comet 12P/Pons-Brooks, is now visible in the Northern Hemisphere after dusk. A 'Halley-type' comet, it orbits roughly every 71 years with a 30 km wide nucleus. Composed of ice, dust, and rocky material, it transitions from solid to gas as it nears the Sun. Classified as a Jupiter-family comet, it reaches perihelion near Mars' orbit and will approach Earth closely in June 2024.**

10. What is the name of the world's oldest man that died at the age of 114 recently?

- A. John Tinniswood
- B. Juan Vicente Perez Mora
- C. Yukichi Chuganji
- D. Eugenie Blanchard



- ✓ **Juan Vicente Perez Mora, recognized by Guinness as the world's oldest man, passed away shortly before his 115th birthday. His longevity secrets included hard work, early bedtimes, and a daily glass of aguardiente.**

11. Recently, which ministry has drafted model rules for childbirth registration?

- A. Ministry of External Affairs
- B. Ministry of Home Affairs
- C. Ministry of Health and Family Welfare
- D. Ministry of Urban Development



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS

- ✓ **The Ministry of Home Affairs has proposed new rules for childbirth registration, requiring parents to specify the religion of both mother and father separately. Previously, only the family's religion was noted. The updated "Form No.1-Birth Report" will include separate sections for the child's religion and that of both parents. This update also applies to adopted children. The Registration of Births and Deaths (Amendment) Act of 2023 mandates maintaining this information in the national database.**

12. What is the theme of 'World Health Day 2024'?

- A. Building a fairer, healthier world
- B. My Health, My Right
- C. Our planet, our health
- D. Support nurses and midwives



- ✓ **World Health Day, observed annually on April 7, commemorates the establishment of the World Health Organization (WHO) and raises awareness on global health issues. It emphasizes the importance of healthy living and fosters global cooperation in healthcare. In 2024, the theme 'My Health, My Rights' underscores individual rights to healthcare.**

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1. Who has become the first Indian to be appointed a jury member at the 33rd Summer Olympics 2024 to be held in Paris?

- A. Bilquis Mir
- B. Madhumita Bisht
- C. Rajyalaksmi Singh
- D. Sania Mirza



- ✓ **Bilquis Mir, a water sports promoter and athlete from Jammu and Kashmir, is making history as India's first female jury member at the Summer Olympics in Paris. Appointed by the Indian Olympic Association, she is set to officiate at the games from July 26 to August 11. Having started her journey as a canoeist in 1998, Bilquis sees her appointment as a dream come true, representing both athletes and sports promoters on the global stage.**

2. Recently, Indian Coast Guard Aquatic Centre has been inaugurated at which place?

- A. Tuticorin, Tamil Nadu
- B. Chennai, Tamil Nadu
- C. Rameswaram, Tamil Nadu
- D. Thengai Pattinam, Tamil Nadu



- ✓ **Director General Rakesh Pal of the Indian Coast Guard opened the Indian Coast Guard Aquatic Centre in ICGS Mandapam near Rameshwaram, Tamil Nadu, on April 6, 2024. Established in 1977 under the Ministry of Defence, the Indian Coast Guard aimed to combat smuggling and protect marine resources, formally inaugurated in 1978 by Prime Minister Morarji Desai.**

3. Lunar Polar Exploration Mission (LUPEX) is a joint mission between which two space agencies?

- A. ISRO & JAXA
- B. NASA & ISRO
- C. CNSA & ROSCOSMOS
- D. ESA & NASA



- ✓ **The Lunar Polar Exploration Mission (LUPEX) is a joint mission between the Indian Space Research Organization (ISRO) and the Japanese Aerospace Exploration Agency (JAXA) to explore the moon's South Pole region. JAXA will provide the launch vehicle and rover, while ISRO will contribute the lander. Equipped with tools to measure water content in lunar sand and conduct drilling and sampling, the rover promises vital insights into the Moon's Polar Regions.**

4. Which Indian Coast Guard ship has recently conducted a prompt operation and safely rescued 27 Bangladeshi fishermen?

- A. Vikram
- B. Amogh
- C. Sagar
- D. Talwar



- ✓ **Indian Coast Guard's swift operation rescued 27 Bangladeshi fishermen stranded on fishing boat Sagar II in Indian waters. Patrol ship 'Amogh' identified the distressed vessel drifting in the India-Bangladesh Maritime Boundary Line on April 4, 2024. Investigation found its steering gear malfunctioning for two days. Prompt action ensured safe retrieval of all crew members by the Indian Coast Guard, showcasing their commitment to maritime safety and cooperation.**

5. According to RBI, what is the projected Consumer Price Index (CPI) inflation for the fiscal year 2024-25 (FY25)?

- A. 3.2%
- B. 4.5%
- C. 5.1%
- D. 5.5%



- ✓ **RBI Governor Shaktikanta Das, leading the Monetary Policy Committee, has maintained the repo rate at 6.5% for the 7th consecutive time, as announced on April 5, 2024. Predicting a 7% growth for India's economy in FY 25, with a 4.5% expected Consumer Price Index inflation.**

6. "Economic and Social Survey of Asia and the Pacific 2024" report, recently released by which organization?

- A. World Bank
- B. United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)
- C. United Nations Development Programme (UNDP)
- D. World Health Organization



- ✓ **The "Economic and Social Survey of Asia and the Pacific 2024," released by UNESCAP, is a flagship publication providing insights into the region's economic trends. Established in 1947, UNESCAP serves as a platform for governments to address socio-economic issues and foster regional cooperation. With 53 member states and 9 associate members, including India, it highlights India's robust economic growth in 2023.**

7. Recently, Telecom Secretary virtually launched an "Experimental Licence Module for 100 5G Labs" at which IIT?

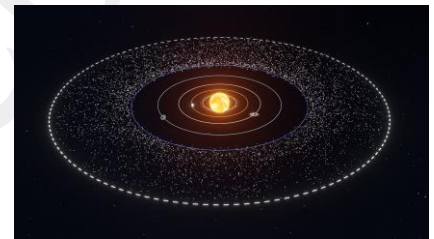
- A. IIT Mumbai
- B. IIT Chennai
- C. IIT Hyderabad
- D. IIT Kanpur



- ✓ Dr Neeraj Mittal, Secretary (Telecom), inaugurated an "Experimental Licence module for 100 5G Labs" during a workshop at IIT Madras, streamlining processes for 5G Labs in Indian academic institutions. The initiative aims to simplify licensing requirements, facilitating smoother operations and fostering innovation in the 5G domain.

8. Arrokoth, a double-lobed object in space, is located in which region of solar system?

- A. Kuiper Belt
- B. Oort Cloud
- C. The outer Solar System
- D. The inner Solar System



- ✓ Scientists have proposed a model elucidating Arrokoth's ice core, a celestial body in the Kuiper Belt, named 'sky' in Powhatan language. Discovered in 2014 by Hubble, Arrokoth is the farthest explored object by humans, resembling a snowman. It's believed to hold ancient gaseous ice. The Kuiper Belt, also known as Edgeworth-Kuiper belt, comprises icy bodies orbiting beyond Neptune, named after astronomer Gerard Kuiper who hypothesized its existence in the 1950s.

9. By what year does India aim to end urea imports according to the Union Minister for Chemicals and Fertilizers?

- A. 2024
- B. 2025
- C. 2030
- D. 2050



- ✓ India aims to halt urea imports by 2025 as local production surges with new fertilizer plants. Currently importing 30% of its 35 million tonnes annual requirement, the country saw urea production rise from 225.08 to 284.95 lakh tonnes between 2014-15 and 2022-23.
- ✓ The government's strategy includes reviving closed plants and promoting alternative fertilizers like nano-liquid urea to achieve self-sufficiency and reduce reliance on imports from Oman, Qatar, Saudi Arabia, and the UAE.

10. What is the theme of 'International Day of Sports for Development and Peace 2024'?

- A. Scoring for People and the Planet
- B. Sport for the Promotion of Peaceful and Inclusive Societies
- C. Securing a Sustainable and Peaceful Future for All
- D. The power of sport values



- ✓ **The International Day of Sports for Development and Peace (IDSDP) on April 6 highlights the positive impact of sports and physical activity worldwide. In 2024, the theme is 'Sport for the promotion of peaceful and inclusive societies'. An event at the United Nations Headquarters in New York on April 4 showcased collaborations between major sporting bodies to create positive change.**

11. Peter Pellegrini recently became the new president of which country?

- A. Norway
- B. Slovakia
- C. Denmark
- D. Romania



- ✓ **Peter Pellegrini, backed by Slovakia's nationalist-left government, wins the presidential election, defeating liberal Ivan Korčok. With 53.85% of the vote, Pellegrini pledges to maintain Slovakia's peace stance. He becomes the sixth president since independence in 1993, succeeding Zuzana Čaputová.**

12. The city of Miraj, recently awarded a GI tag for its craftsmanship in musical instruments, is located in which state?

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



- ✓ **Miraj, a town in Maharashtra's Sangli district, famed for crafting sitars and tanpuras, earns Geographical Indication (GI) tags. These instruments are highly sought after by classical musicians and film industry professionals.**

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1. Recently, where was the 'Sagar Kavach' exercise held?

- A. Lakshadweep
- B. Goa
- C. Chennai
- D. Puducherry



- ✓ **The two-day coastal security exercise, "Sagar Kavach", was recently held in the Lakshadweep Islands in April 2024. The exercise involved maritime security agencies, including the Indian Navy, Indian Coast Guard, Marine Police, Fisheries, and Customs.**

2. Recently, which water bodies were found to have pervasive presence of PFAS according to the study by IIT Chennai?

- A. Buckingham Canal, River Adyar and Chembarambakkam Lake
- B. River Kaveri, River Amravati and River Bhavani
- C. River Palar, River Thenpennai and River Kedilam
- D. River Thamirabharani, River Kadana Nathi and River Pachaiyar



- ✓ **A study by IIT Madras reveals widespread presence of PFAS ('Forever Chemicals') in Buckingham Canal, Adyar River, and Chembarambakkam Lake. PFAS, common in non-stick cookware, food packaging, and industrial materials, resist degradation in the environment. Concerns arise over potential adverse health effects including liver damage, low infant birth weights, hormonal imbalance, fertility issues, immune system effects, and cancer.**

3. After Chabahar, India has recently secured the right to operate at which overseas port?

- A. Sittwe Port
- B. Colombo Port
- C. Yangon Port
- D. Pangaon Port



- ✓ **India gains approval from the Ministry of External Affairs to manage its second overseas port, Sittwe in Myanmar, following Chabahar in Iran. Sittwe, situated at the Kaladan River's mouth in Rakhine State, Myanmar, is developed under the Kaladan Multi-Modal Transit Transport Project (KMTTP), supported by India's grant aid. This strategic move is poised to amplify trade prospects for India's Northeast, fostering enhanced commerce between India and Myanmar.**

4. Gangaur festival is celebrated in which state?

- A. Uttar Pradesh
- B. Gujarat
- C. Rajasthan
- D. Odisha



- ✓ **Gangaur, a significant festival in Rajasthan, honors the union of Lord Shiva (Gan) and Goddess Parvati (Gauri), symbolizing marital bliss. Celebrated in Chaitra (March-April), it signifies the onset of spring. Women worship clay idols of Gan and Gauri, seeking blessings for marital happiness or their husbands' well-being. Unmarried girls pray for suitable spouses, while married women wish for their husbands' health and longevity.**

5. What kind of satellite is 'TSAT-1A'?

- A. Earth observation satellite
- B. Climate monitoring satellite
- C. Communication satellite
- D. Navigation satellite



- ✓ **Tata Advanced Systems Limited (TASL) launched TSAT-1A, an optical sub-metre-resolution Earth observation satellite, with SpaceX's Falcon 9 rocket. Built in collaboration with Satellogic Inc., it offers military-grade imagery capabilities and multispectral/hyperspectral imaging. Deployed for Indian defense, it enhances preparedness and strategic decision-making.**

6. Recently, who has been appointed as the coach of the senior national women's hockey team?

- A. PR Sreejesh
- B. Amit Rohidas
- C. Harendra Singh
- D. Harmanpreet Singh



- ✓ **Former Indian Hockey player and Dronacharya awardee Harendra Singh has been chosen by Hockey India to coach the senior national women's team until the 2028 Los Angeles Olympics. He replaces Janneke Schopman of Holland, who resigned after the team's failure to qualify for the Paris Olympics. No formal announcement has been made due to the model code of conduct.**

7. Recently, what forms of assistance is India providing to Nepal, Maldives, Sri Lanka, Bangladesh, and Mauritius under the United Nations' initiative?

- A. Early warning weather system
- B. Scientific research facility
- C. Educational infrastructure
- D. Cybersecurity measures



- ✓ India is contributing to the 'Early Warnings for All' initiative by the United Nations, aiming to establish life-saving early warning systems for hazardous weather, water, or climate events globally by 2027.
- ✓ Collaborating with Nepal, Maldives, Sri Lanka, Bangladesh, and Mauritius, India is aiding in setting up early warning weather systems. These efforts enhance disaster preparedness and response capabilities by providing timely alerts and forecasts for natural disasters like cyclones, floods, and storms.

8. Angara A5 Space Rocket is developed by which country?

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



- ✓ Russia's Angara A5 space rocket is set for its maiden launch from the Vostochny Cosmodrome. This three-stage marvel aims to deliver 24.5 tonnes of payload into low orbit, replacing the veteran Proton M.

9. Recently, which mission received the 2024 John L 'Jack' Swigert Jr Award for space exploration?

- A. Chandrayaan-3 Mission
- B. Chandrayaan-2 Mission
- C. Mars Orbiter Mission
- D. Gaganyaan Mission



- ✓ The ISRO Chandrayaan-3 mission team received the 2024 John L 'Jack' Swigert Jr. award for space exploration from the US-based Space Foundation. This prestigious accolade, presented during the Space Symposium, recognizes outstanding contributions to space exploration. India's Consul General in Houston accepted the award, highlighting the mission's technical prowess.

10. Recently, who became the first Indian to win a match in a Masters 1000 tournament on clay courts?

- A. Sagar Kashyap
- B. Sumit Nagal
- C. Nitin Kirtane
- D. Ramesh Krishnan



- ✓ India's top tennis player, Sumit Nagal, advances to the second round of the Rolex Monte Carlo Masters, becoming the third Indian to reach the main draw. Nagal made history as the first Indian to play an ATP Masters 1000 match on clay since 1990. He defeated Italy's Matteo Arnaldi in a stunning comeback, marking his third win against a top-50 player.

11. What is the theme of 'World Homeopathy Day 2024'?

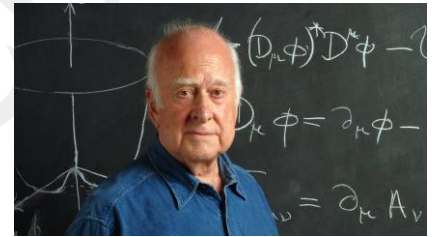
- A. Homeoparivar: One Health, One Family
- B. Homeopathy: People's Choice for Wellness
- C. Homeopathy – Roadmap for Integrative Medicine
- D. Homoeopathy in public health



- ✓ **World Homeopathy Day is celebrated annually on April 10 in honor of Dr. Samuel Hahnemann, the founder of homeopathy, on his birth anniversary. The theme for 2024 is "Homeoparivar: One Health, One Family", emphasizing holistic health. Homeopathy gained prominence in the 19th century due to Hahnemann's success. World Homeopathy Day aims to promote the homeopathic system of medicine globally.**

12. Peter Higgs, who recently passed away, received a Nobel Prize for which research?

- A. Quantum mechanics
- B. Discovery of radioactivity
- C. Discovery of the elements radium and polonium
- D. Discovery of God Particle



- ✓ **British physicist Peter Higgs, renowned for discovering the 'Higgs-Boson Particle' or 'God Particle', passed away at 94. Awarded the Nobel Prize in Physics in 2013, his work elucidated the universe's post-Big Bang creation. Higgs, a long-time professor at Edinburgh University, contributed significantly to understanding bosons' role in universal cohesion.**

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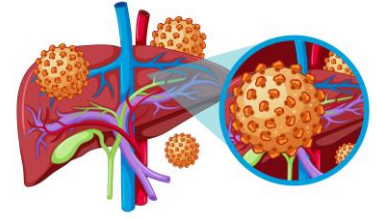
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1. Global Hepatitis Report 2024, recently released by which organization?

- A. WHO
- B. UNICEF
- C. UNDP
- D. WTO



- ✓ The 2024 WHO Global Hepatitis Report highlights India's high prevalence, with 2.9 crore cases of hepatitis B and 0.55 crore cases of hepatitis C. Released during the World Hepatitis Summit, WHO aims to eliminate hepatitis by 2030. In 2022, India saw 50,000 new hepatitis B cases, 1.4 lakh hepatitis C cases, and 1.23 lakh deaths.

2. Recently, where was the India-Kazakhstan Joint Working Group on Counter Terrorism organized?

- A. Astana
- B. New Delhi
- C. Almaty
- D. Chennai



- ✓ The 5th India-Kazakhstan Joint Working Group on Counter Terrorism met in Astana on April 8, 2024. Led by KD Dewal and Mr Talgat Kaliyev, the delegations discussed regional terrorist threats, including cross-border terrorism in South Asia and the Af-Pak region.
- ✓ They addressed challenges such as technology use by terrorists, internet misuse, radicalization, and terror financing. Both stressed cooperation enhancement via information exchange, capacity building, and multilateral engagement.

3. Kala azar is a neglected tropical disease caused by which agent?

- A. Virus
- B. Bacteria
- C. Protozoan parasite
- D. Fungus



- ✓ India has achieved the elimination of visceral leishmaniasis, also known as kala-azar, meeting its target as per National Centre for Vector Borne Diseases Control data. Kala-azar is the second deadliest protozoan parasitic disease globally, endemic in 76 countries. It's transmitted by infected sandflies and primarily affects the reticuloendothelial system. Leishmaniasis is associated with poverty, malnutrition, weak immunity, and environmental changes like deforestation and urbanization.

4. Jenu Kuruba tribe primarily resides in which region of India?

- A. Himalayan Region
- B. Western ghats
- C. Andaman & Nicobar Island
- D. North Eastern Region



- ✓ **The Jenu Kuruba tribe is indigenous to the Western Ghats. They were historically marginalized, deprived of rights and development opportunities. 'Jenu' means honey and 'kuruba' denotes their caste, reflecting their traditional occupation as honey gatherers. They inhabit small settlements called Hadi, practicing shifting cultivation and relying on forest resources for sustenance.**

5. Global Unicorn Index 2024, recently released by which organization?

- A. Hurun Research Institute
- B. UNs Industrial Development Organization
- C. World Intellectual Property Organization
- D. UNs Conference on Trade and Development



- ✓ **Hurun Research Institute's "Global Unicorn Index 2024" ranks startups founded in the 2000s. India, with 67 unicorns in 2023 (down from 68 in 2022), ranks third globally. The USA leads with 703, followed by China with 340. India lacks unicorns in Aerospace/SpaceTech.**

6. Who received the prestigious "Medal of Honor" at Consular Day 2024 in Chennai for promoting bilateral relations between Palau and India?

- A. Sanjeev Jai Narain
- B. Sachi Gurumayum
- C. Neeraj Sharma
- D. Amit Sharma



- ✓ **Neeraj Sharma, Honorary Consul General of Palau in India, received the prestigious "Medal of Honour" from HCCD-India during Consular Day at Chennai. The event, hosted by HCCD-India, celebrated Honorary Consuls' vital role in global relations. KL Ganju and Mohan Suresh graced the ceremony. Established in 1995, HCCD-India promotes understanding among Honorary Consuls.**

7. Recently, which organization launched a new edition of the Girl Empowerment Mission?

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



- ✓ **NTPC Limited, India's largest power company, launches the latest edition of Girl Empowerment Mission (GEM), aligned with the Government's Beti Bachao, Beti Padhao initiative. GEM offers a 1-month workshop nurturing girls' imaginations and fostering opportunities. Started in 2018 with 392 participants, GEM expanded nationwide, benefitting 7,424 girls till date, despite COVID-19 challenges.**

8. Clean Economy Investor Forum will be organized by the Indo-Pacific Economic Framework for Prosperity (IPEF) in which country in June 2024?

- A. India
B. Singapore
C. France
D. Italy



- ✓ **The Indo-Pacific Economic Framework for Prosperity (IPEF) Clean Economy Investor Forum will be held in Singapore in June 2024 to attract investments for sustainable infrastructure, climate tech, and renewable energy projects. Tech companies and startups are invited to showcase Indian investment projects in EV and solar energy infrastructure.**

9. Recently, who has been selected to be part of Britain's research team on dementia?

- A. Chaand Nagpaul
B. Kailash Chand
C. Ashvini Keshavan
D. Kamlesh Khunti



- ✓ **Dr Ashvini Keshavan, an Indian-origin neurologist and Senior Clinical Research and Honorary Consultant Neurologist Fellow at University College London (UCL), has been selected to be part of Britain's research team on dementia. The team, called ADAPT (Alzheimer's disease Diagnosis And Plasma pTau217), will focus on the biomarker p-tau217, which reflects the levels of two proteins found in the brain that are associated with Alzheimer's disease: amyloid and tau.**

10. What is the primary objective of 'CDP-SURAKSHA' platform?

- A. To disburse subsidies to horticulture farmers
B. To create the largest 3D map in universe
C. To facilitate voter registration processes
D. To provide real time updates on election results



- ✓ **The Government of India has launched CDP-SURAKSHA, a digital platform for horticulture farmers to receive subsidies efficiently. It integrates with PM-KISAN and utilizes e-RUPI vouchers for instant subsidy disbursal. Features include UIDAI validation, eRUPI integration, and geotagging. Farmers can order planting material, contribute their share, and receive subsidies automatically.**

11. Recently, who has been appointed as the head of the US-India Tax Forum by US-India Strategic and Partnership Forum (USISPF)?

- A. MN Srinivasu
- B. Tarun Bajaj
- C. Naveen Aggarwal
- D. Ajit Saxena



- ✓ **Former Revenue Secretary Tarun Bajaj, now head of the US-India Tax Forum, brings extensive finance and taxation expertise to the US-India Strategic and Partnership Forum (USISPF). Appointed after serving as an advisor, Bajaj's leadership aims to strengthen economic ties between the US and India.**

12. What is the main objective of India's Chandrayaan-4 mission, as announced by ISRO Chief S Somnath recently?

- A. To collect moon rocks and soil and bring them back to Earth for scientific analysis
- B. To establish a research station on moon
- C. To explore water on the moon
- D. None of the above



- ✓ **The primary objective of India's Chandrayaan-4 mission is to collect moon rocks and soil and bring them back to Earth for scientific analysis. The mission will also include a safe and controlled landing on the moon, successful ascent from the lunar surface, docking and undocking maneuvers in lunar orbit, and ensuring safe return of the samples back to Earth. Only three countries have achieved lunar sample return so far: the United States, the Soviet Union, and China.**

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1. According to Global Hepatitis Report 2024, what percentage of the global Hepatitis B & C disease burden did India account for in 2022?

- A. 10.5%
- B. 11.6%
- C. 12.1%
- D. 9.5%



- ✓ India, accounting for 11.6% of global hepatitis cases in 2022 as per WHO, faces over 35.3 million infections, with 29.8 million from hepatitis B and 5.5 million from hepatitis C. Ranking second after China, India and China together contribute 27.5% of global cases.

2. Recently, which organization has been designated as the Nodal Centre for the 'Space Science and Technology Awareness Training (START)' programme by the ISRO?

- A. Gujarat Council on Science and Technology (GUJCOST)
- B. MP Council of Science and Technology (MPCST)
- C. Council of Science and Technology, Lucknow
- D. Council of Scientific & Industrial Research, New Delhi



- ✓ GUJCOST becomes ISRO's nodal center for the Space Science and Technology Awareness Training (START) Program. Geared towards postgraduate and final-year undergraduates in physical sciences and technology, START provides introductory online training covering various space science domains like Astronomy, Astrophysics, Heliophysics, Sun-Earth interaction, Instrumentation, and Aeronomy. Conducted by experts from Indian academia and ISRO centers, it aims to cultivate knowledge in space sciences among students.

3. Which institution secured the 45th rank in Engineering and Technology of Quacquarelli Symonds (QS) World University Rankings 2024?

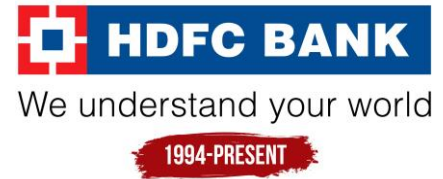
- A. IIT Bombay
- B. IIT Kanpur
- C. IIT Madras
- D. IIT Roorkee



- ✓ IIT Bombay climbed to 45th in Engineering and Technology in the 2024 QS World University Rankings, scoring 79.1/100. The QS ranks universities in 55 disciplines; results released by the UK-based agency highlight IIT Bombay's strengths in various fields including Minerals and Mining (25th), Data Science and AI (30th), Civil and Structural Engineering (42nd), and others. Notably, it improved by two places from 2023 in Engineering and Technology.

4. Recently, which bank became the first private bank to open a branch in Lakshadweep?

- A. Axis bank
- B. HDFC bank
- C. YES bank
- D. ICICI bank



- ✓ **HDFC Bank makes history as the first private bank to establish a branch in India's Lakshadweep, specifically at Kavaratti Island. Previously, only government banks operated in the region. The move aims to enhance banking infrastructure and provide personalized and digital services, with a focus on personal and digital banking.**

5. According to the recent Asian Development Bank report, what is the expected growth rate of the Indian economy in 2024-25?

- A. 8.1 %
- B. 7.8 %
- C. 7.0 %
- D. 6.9 %



- ✓ **The Asian Development Bank's (ADB) April 2024 outlook revised India's GDP growth forecast for FY25 to 7%, up from 6.7%. ADB reported India's 7.6% GDP growth in 2023-24, projecting 7.2% growth in 2025-26. Reserve Bank of India also forecasts 7% growth for FY25. Despite global economic challenges, India is anticipated to lead major economies in FY 2025, fueled by domestic demand, government policies, investments, and export gains in electronics and services.**

6. Recently, who has become the first Indian monk to be honoured with the American President's Gold Volunteer Service award?

- A. Acharya Lokesh Muni
- B. Raghaveshwara Bharathi
- C. Vijayendra Saraswati
- D. Bharathi Tirtha



- ✓ **Jain Acharya Lokesh Muni is the first Indian monk to receive the American President's Gold Volunteer Service award in 2024. He is the founder of Ahimsa Vishwa Bharati and World Peace Centre, and is recognized for his contributions to humanity and the public good. He has said that receiving the award is a matter of pride, and that it honors Indian culture, spiritual values, and Jain principles of Lord Mahavir.**

7. According to World Cybercrime Index 2024, what is the rank of India in cybercrime globally?

- A. 8th
- B. 9th
- C. 10th
- D. 11th

- ✓ An international team led by the University of Oxford and UNSW Canberra introduces the inaugural 'World Cybercrime Index'. Drawing from data collected through a survey of 92 experts, it ranks roughly 100 countries based on cybercrime prevalence. Key findings reveal concentrated threats, with Russia leading, followed by Ukraine, China, USA, Nigeria, and Romania. The score of India was recorded at 6.13 and was ranked 10th in the list of 15 countries.

8. What is 'Mange disease'?

- A. Skin disease of animals caused by mite infestations
- B. Viral infection caused by the bite of an infected animal
- C. Communicable disease that primarily affects cattle
- D. Fungal disease that affects landscape of plants



- ✓ The forest department is monitoring an outbreak of mange disease among Asiatic wild dogs in Mudumalai Tiger Reserve. Mange, caused by mite infestations, leads to inflammation, itching, skin thickening, and hair loss. The severe form, caused by *Sarcoptes scabiei* mites, also affects humans. All domestic animals can get mange, with specific mites infesting only one species. Transmission occurs through direct contact and contaminated objects. Most forms of mange are treatable.

9. Recently, where was the first steel cutting ceremony of the Fleet Support Ships (FSS) for the Indian Navy held?

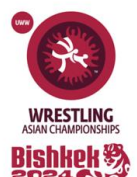
- A. Chennai, Tamil Nadu
- B. Visakhapatnam, Andhra Pradesh
- C. Vizhinjam, Kerala
- D. Kolkata, West Bengal



- ✓ Defence Secretary Giridhar Aramane oversaw the inaugural steel cutting of the Fleet Support Ships (FSS) for the Indian Navy at Hindustan Shipyard Limited (HSL), Visakhapatnam.
- ✓ The FSS, with a 44,000-ton displacement, will play a vital role in replenishing naval fleets with fuel, water, ammunition, and stores, bolstering operational capabilities. Aramane also initiated the augmentation of slipway and infrastructure modernization at HSL, aiming to enhance its capacity and capability for future defense projects like the Landing Platform Dock, supporting 'Aatmanirbhar Bharat' initiative.

10. Where was the 'Asian Wrestling Championship 2024' held?

- A. Bishkek, Kyrgyzstan
- B. Beijing, China
- C. New Delhi, India
- D. Dushanbe, Tajikistan



- ✓ The 2024 Asian Wrestling Championship took place in Bishkek, Kyrgyzstan, where India's Udit clinched silver in men's freestyle 57 kg, while Abhimanyu secured silver in 70 kg. Abhimanyu and Vicky also won bronze medals in their respective categories. Despite defeating opponents from Iran, Kyrgyzstan, and North Korea, Udit settled for silver after a close final against Japan's Kento Yumiya, marking India's first absence from gold since 2019.

11. Plastic Overshoot Day 2024 report, recently released by which Non- profit organization?

- A. Earth Action
- B. American National Red Cross
- C. United Way
- D. INSO

**PLASTIC
OVER
SHOOT
DAY^{ea}**



- ✓ Earth Action released the Plastic Overshoot Day 2024 report, marking the point when global plastic waste surpasses manageable levels, leading to environmental harm.
- ✓ The Global Plastic Overshoot Day is projected for September 5th, with India's on April 23rd. Key findings show a 7.11% increase in plastic waste since 2021, with 12 countries responsible for 60% of mismanaged waste. India, classified as a Low-Waste-Producing Polluter, faces challenges like improper disposal and additive use.

12. According to Plastic Overshoot Day Report, which country has one of the lowest per capita plastic waste production rates globally?

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



- ✓ A recent report by Switzerland's EA Earth Action reveals India as one of the top twelve contributors to 60% of the world's mismanaged plastic waste. Released on April 12, 2024, the Plastic Overshoot Day report highlights Eritrea as the worst in the Mismanaged Waste Index, with Bermuda at the bottom. India's per capita plastic waste production is the world's lowest at 8 kg per year, yet its expected mismanaged waste in 2024 is "very high" at 7.4 million tons.

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1. Where is the world's largest hybrid renewable energy park being established?

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



- ✓ **Adani Green Energy Limited, a part of the Adani Group, is constructing the world's largest renewable energy park in Khavda, Gujarat's Kutch district. It spanning 538 square kilometers. With a planned capacity of 30 GW and an investment of Rs 1.5 lakh crore, it currently produces 2 GW, set to expand to 6 GW by March 2025. It aiming to generate 81 billion units.**

2. Which country has signed USD 375 million deal with India in defence sector?

- A. Philippines
- B. Vietnam
- C. Egypt
- D. Malaysia



- ✓ **India will deploy defense attaches in Ethiopia, Mozambique, Ivory Coast, Philippines, Armenia, and Poland to bolster strategic ties. This initiative aligns with India's goal to expand global partnerships amid rising geopolitical tensions. Notably, India aims to strengthen defense relations with the Philippines to counter China's assertiveness in the South China Sea. Recent deals include a USD 375 million agreement for BrahMos missiles.**

3. What is the theme of 'International Day of Human Space Flight 2024'?

- A. Encouraging Scientific Curiosity
- B. Way for Space
- C. Conservation of Outer Space
- D. Beginning of the Space Era for Mankind



- ✓ **International Day for Human Space Flight (IDHSF) is celebrated annually on April 12, honoring Yuri Gagarin, the first human in space in 1961. The UNGA declared it in 2011 to advocate for peaceful space exploration. In 2024, the theme is "Encouraging Scientific Curiosity" to foster outer space exploration's peaceful advancement.**

4. Recently, who has been appointed as the first woman high commissioner to India by Britain?

- A. Lilly Gunasekar
- B. Lindy Cameron
- C. Alicia Herbert
- D. Gill Atkinson



- ✓ **Lindy Cameron, an Oxford alumna and former CEO of the UK's National Cyber Security Centre, becomes the first female high commissioner to India. This historic appointment highlights UK-India relations, coinciding 70 years after India appointed its first high commissioner to London.**

5. 'Dustlik' joint military exercise conducted between which two countries?

- A. India and Uzbekistan
- B. India and Russia
- C. India and Tajikistan
- D. Uzbekistan and Kazakhstan



- ✓ **The 5th edition of the 'Dustlik' joint military exercise between India and Uzbekistan begins on April 15 in Termez, Uzbekistan. Running for 14 days until April 28, it aims to enhance cooperation and future military ties between the two nations.**
- ✓ **Through training programmes, the exercise fosters mutual understanding and strengthens their relationship by sharing operational methodologies. This collaborative effort will significantly boost defence cooperation and deepen bilateral military engagement.**

6. Queqiao-2, a relay satellite, recently launched by which country?

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



- ✓ **China National Space Administration (CNSA) declared the Queqiao-2 satellite launch a "complete success". Queqiao-2, or Magpie Bridge 2, weighs 1,200 kg and features a 4.2-meter parabolic antenna, facilitating communications between Earth and lunar probes until 2030.**

7. Khavda Renewable Energy Park is located in which state?

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



- ✓ Adani Green Energy Ltd (AGEL) established the world's largest renewable energy park in Gujarat's Khavda region. Spanning 538 square kilometers, it boasts a 45 GW capacity, primarily solar-powered. Khavda, in Gujarat's Kutch region, features exceptional solar radiation and wind speeds. Located near the Pakistan border, it's patrolled by the Border Security Force. AGEL invests Rs 1.5 lakh crore to generate 30 MW of clean electricity, with 81 billion units projected.

8. PACE Satellite was launched by which space agency?

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



- ✓ NASA's PACE satellite, launched into Sun-synchronous orbit, now shares high-quality Earth observation data publicly. Equipped with the Ocean Colour Instrument (OCI), alongside polarimeters SPEXone and HARP2, it enhances aerosol, cloud, and ocean research. OCI's broad spectral range aids in phytoplankton identification. This data facilitates studies on oceanic life, air particles, fisheries health, algal blooms, pollution, and climate change impacts on the atmosphere and oceans, advancing scientific understanding.

9. Which organization recently developed a sustainable hydrogel to remove microplastics from water?

- A. Defence Research and Development Organization
- B. Indian Institute of Science
- C. Council of Scientific & Industrial Research
- D. Indian Space Research Organization



- ✓ The Indian Institute of Science (IISc) developed a novel hydrogel to remove microplastics from water. This hydrogel, with a unique polymer network, binds and degrades microplastics using UV light. It comprises three polymer layers: chitosan, polyvinyl alcohol, and polyaniline, combined with copper substitute polyoxometalate nanoclusters acting as catalysts. Microplastics, typically less than 5mm, are categorized as primary (from commercial products) and secondary (resulting from larger plastic breakdown due to environmental factors).

10. Recently, which institution has issued a drug safety alert over the use of the anti-inflammatory drug Nimesulide?

- A. ICMR
- B. Indian Pharmacopoeia Commission
- C. Indian Veterinary Research Institute
- D. Institute for Communicative and Cognitive Neurosciences



- ✓ The Indian Pharmacopoeia Commission (IPC) issued a safety alert regarding Nimesulide, an anti-inflammatory drug. IPC, an autonomous institution under the Ministry of Health and Family Welfare, updates drug standards regularly. It publishes the Indian Pharmacopoeia (IP), setting standards for drug identity, purity, and strength for human and animal healthcare.

11. What is the primary objective of Science Based Targets initiative (SBTi)?

A. Limiting global warming to well below 2°C above pre-industrial levels

B. Promoting organic farming in North India

C. Promoting sustainable exploration of marine resources

D. To promote corporate social responsibility



- ✓ The Science Based Targets Initiative (SBTi), established in 2015, supports companies in setting Science-Based Targets (SBTs) to reduce greenhouse gas emissions in line with the Paris Agreement. SBTi verifies targets independently, ensuring alignment with the latest climate science. It distinguishes between near- and long-term goals, essential for significant progress by 2030 and achieving net-zero emissions by 2050.

12. How much tree cover has India lost since 2000, according to the latest data from the Global Forest Watch monitoring project?

A. 3.13 million hectares

B. 1.23 million hectares

C. 3.25 million hectares

D. 2.33 million hectares



- ✓ Since 2000, India has lost 2.33 million hectares of tree cover, as per Global Forest Watch (GFW). GFW, an initiative of the World Resources Institute (WRI), utilizes satellite data to monitor forests globally in near real-time. GFW primarily references tree cover for assessing forest extent, loss, and gain.

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1. Which day is celebrated as 'World Art Day' every year?

- A. 13 April
- B. 14 April
- C. 15 April
- D. 16 April



- ✓ Every April 15th marks World Art Day, celebrating art's global impact and Leonardo da Vinci's legacy. In 2024, the theme is "A Garden of Expression: Cultivating Community Through Art," highlighting art's role in fostering communal bonds and understanding. This annual tribute recognizes art's significance in communication, cultural identity, and personal freedom, emphasizing the enduring contributions of artists worldwide.

2. MSC ARIES ship is associated with which country?

- A. Maldives
- B. India
- C. Israel
- D. Iraq



- ✓ Iran's Navy captured the Israeli ship MSC Aries near the Strait of Hormuz with 17 Indian crew members aboard. Iranian officials now control the crew. Efforts are underway for their safe return. Iranian Foreign Minister Amirabdollahian stated Tehran will allow Indian officials to meet them soon. Indian Foreign Minister Jaishankar discussed their return with Iran's Foreign Minister.

3. Man-Portable Anti-Tank Guided Missile (MPATGM) weapon system is developed by which organization?

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



- ✓ The Defence Research and Development Organization (DRDO) and Indian Army jointly conducted successful field tests of the indigenously developed Man-Portable Anti-Tank Guided Missile (MPATGM) system. Designed by DRDO, it includes the MPATGM, launcher, target acquisition device, and fire control unit. Tests at the Pokhran Field Firing Range on April 13, 2024, showcased remarkable missile and warhead performance.

4. Jiadhal River is the tributary of which river?

- A. Ganges
- B. Brahmaputra
- C. Kaveri
- D. Godavari



- ✓ The Jiadhal River, a northern tributary of the Brahmaputra, originates in the Arunachal Pradesh Himalayas. Its course through Dhemaji district in Assam features braided channels. It flows into the Brahmaputra near Selamukh but now joins the Subansiri due to an embankment. The basin area is 1053.20 sq.km., with heavy rainfall causing significant sediment deposition there.

5. Recently, which country developed the world's first satellite series (Tiantong-1)?

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



- ✓ Chinese scientists launched the Tiantong-1 satellite series; pioneering satellite-enabled smartphone calls without ground infrastructure like cellular towers. The Tiantong-1 comprises three satellites in geosynchronous orbit at ~36000 km altitude, covering the Asia-Pacific from the Middle East to the Pacific Ocean. Huawei released the first smartphone supporting satellite calls in Sep 2023, connecting directly to the Tiantong satellites. Geosynchronous orbit ensures satellites match Earth's rotation.

6. Special Olympics Bharat (SOB) is a National Sports Federation recognized by which ministry?

- A. Ministry of Youth Affairs & Sports
- B. Ministry of Home Affairs
- C. Ministry of Power
- D. Ministry of Defence



युवा कार्यक्रम
एवं खेल मंत्रालय
MINISTRY OF
YOUTH AFFAIRS
AND SPORTS

- ✓ Special Olympics Bharat (SOB), a National Sports Federation of India, is establishing district units in Tamil Nadu through elections on April 22. Registered under the Indian Trust Act 1882 in 2001, it's accredited by Special Olympics International. Recognized by the Ministry of Youth Affairs & Sports, it's a Priority Category National Sports Federation, focusing on sports for persons with intellectual disabilities.

7. Longte Festival is celebrated by the Nyishi tribe of which state?

- A. Arunachal Pradesh
- B. Rajasthan
- C. Maharashtra
- D. Odisha



- ✓ **The Longte Festival, celebrated by the Nyishi tribe in Arunachal Pradesh. It's unique among tribal festivals as it prohibits animal sacrifice. Instead, the Altar is adorned with feathers and bamboo flowers. Longte Yullo, one of the oldest Nyishi festivals, is celebrated across various Nyishi clans.**

8. Jonatan Christie, who recently won his first Asian Badminton Championship, belongs to which country?

- A. Vietnam
- B. Indonesia
- C. Thailand
- D. Singapore



- ✓ **Indonesian badminton player Jonatan Christie clinched his maiden Asian Badminton Championship title by defeating Chinese player Li Shi Feng in the final of the 2024 Badminton Asia Championships on April 14. The event, held in Ningbo, China, from April 9-14, is a BWF Super 1000 tournament, awarding 1000 points to the winners. This championship served as the final Olympic qualifier before the 2024 Summer Olympics in Paris.**

9. Kuchipudi dance is a classical dance form of which state?

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



- ✓ **Kuchipudi, an Indian classical dance originating from Andhra Pradesh, faces a survival crisis due to dwindling patronage. Historically, it evolved from itinerant actors into a refined form under Siddhendra Yogi in the 15th century. It's known for intricate footwork, and storytelling. Kuchipudi is deeply rooted in Vaishnavism, often depicting stories of Krishna.**

10. What was the primary objective of 'Operation Meghdoot'?

- A. To establish a military base in Ladakh
- B. To capture strategic heights in the Himalayas
- C. To engage in a peacekeeping mission
- D. To secure the Siachen Glacier



- ✓ The Indian Army marked 40 years since 'Operation Meghdoot,' securing the Siachen Glacier, vital for its strategic location in Northern Ladakh. Launched in 1984, it responded to Pakistan's territorial claims, establishing India's presence at the world's highest battlefield.
- ✓ Led by Lieutenant Generals Chibber and Hoon, along with Major General Sharma, the operation showcased remarkable coordination between the Army and Air Force, resulting in India gaining control of Siachen Glacier.

11. 'Qudsia Bagh' is located in which state/UT?

- A. Rajasthan
- B. Uttar Pradesh
- C. Delhi
- D. Jammu and Kashmir



- ✓ Qudsia Bagh, built in 1748 by Qudsia Begum, wife of Mughal Emperor Md Shah Rangeela, underwent recent restoration by Delhi Development Authority. It is located in North Delhi and it follows Persian char-bagh style. The Bagh's remains include its grand western gateway, Qudsia Mosque, and pavilions in red sandstone. The mosque, a simple structure with three-storied walls, is ASI protected.

12. Recently, who won the National Women's Carrom title for the twelfth time?

- A. Rashmi Kumari
- B. N Nirmala
- C. Kajal Kumari
- D. Sharmila Singh



- ✓ Three-time World Champion Rashmi Kumari secured her 12th national women's singles title at the 51st National Carrom Championship, defeating K Nagajothi 25-8, 14-20, 25-20. Rashmi, employed at ONGC, triumphed in the women's final. In the men's category, K Srinivas clinched his fourth national singles title by defeating S Aditya 25-0, 19-6.

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1. Bharat Electronics Limited (BEL) recently signed an MoU with which institution for co-operation in research and technology?

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



- ✓ **Bharat Electronics Limited (BEL) signed a Memorandum of Understanding (MoU) with the Indian Institute of Technology, Mandi, Himachal Pradesh for collaboration in research and technology. The MoU focuses on semiconductors, quantum technologies, and drones. It aims to strengthen the synergies between BEL and IIT-Mandi, and to improve the quality and range of solutions BEL provides to its customers.**

2. Tiger Hill is a part of which wildlife sanctuary in West Bengal?

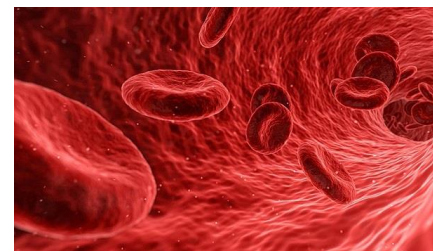
- A. Senchal Wildlife Sanctuary
- B. Sajnekhali Wildlife Sanctuary
- C. Jore Pokhri Wildlife Sanctuary
- D. Ramnabagan Wildlife Sanctuary



- ✓ **The Eastern Zonal Bench of the National Green Tribunal in Kolkata has issued notices to key Union and state government departments, along with the Darjeeling district administration, regarding the degradation of Tiger Hill's environment. Petitioner Subhas Datta's complaints prompted the action, citing unplanned activities harming the iconic site. Tiger Hill, renowned for its sunrise views over Mt Kanchenjunga, is part of the Senchal wildlife sanctuary, established in 1915.**

3. Which day is observed as 'World Hemophilia Day' every year?

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



- ✓ **World Hemophilia Day, observed annually on April 17, raises awareness about hemophilia and bleeding disorders. It highlights the rare blood disorder's impact on clotting and prolonged bleeding due to clotting factor deficiency. The 2024 theme for the day is, "Equitable access for all: recognizing all bleeding disorders".**

4. Who becomes the first Indian to venture into space as a tourist on the NS-25 mission of Blue Origin?

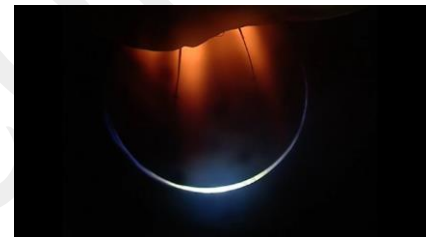
- A. Gopi Thotakura
- B. Santosh Kulangara
- C. Rajeev Aggarwal
- D. Sanjay Sinha



- ✓ Gopi Thotakura is set to make history as the first Indian space tourist on Blue Origin's NS-25 mission, founded by Jeff Bezos. It's divided into sub-orbital and orbital trips. Sub-orbital flights briefly breach the Kármán line (~100 km) before returning to Earth, like NS-25.

5. Recently, which organization has developed Carbon-Carbon (C-C) nozzle for rocket engines?

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



- ✓ ISRO announced a significant advancement in rocket engine technology, unveiling a lightweight Carbon-Carbon (C-C) nozzle developed by the Vikram Sarabhai Space Centre (VSSC). This breakthrough promises to boost payload capacity by enhancing crucial parameters like thrust levels, specific impulse, and thrust-to-weight ratios. Leveraging advanced materials such as Carbon-Carbon composites, VSSC crafted a nozzle divergent with exceptional properties, paving the way for improved launch vehicle performance.

6. According to IMF, what is the GDP growth projection of India for FY 2024-25?

- A. 5.1%
- B. 6.8%
- C. 7.1%
- D. 4.5%



- ✓ The IMF raised India's GDP growth projection for FY 2024-25 to 6.8%, up 30 basis points from its previous forecast. India's growth is anticipated to stay strong due to robust domestic demand and a growing working-age population. Globally, growth is projected to continue at 3.2% for FY 2024-25 and FY 2025-26. India retains its status as the world's fastest-growing economy, outpacing China's growth projection of 4.6% in the same period.

7. Recently, ISRO has decided to achieve debris-free space by which year?

- A. 2025
- B. 2027
- C. 2030
- D. 2035



- ✓ **ISRO Chairman S Somanath declared India's ambition for a debris-free space by 2030 at the 42nd IADC annual meeting. S Somanath, also the Secretary of the Department of Space, highlighted the importance of debris-free missions for space sustainability. This initiative aims to spark discussions and actions toward achieving a cleaner space environment.**

8. What is 'Gaia-BH3'?

- A. Communication satellite
- B. Nuclear ballistic submarine
- C. Invasive weed
- D. Massive stellar black hole



- ✓ **Astronomers have identified Gaia-BH3, the most massive known stellar black hole in the Milky Way. Discovered through data from the Gaia mission, it causes an unusual 'wobbling' of its companion star. Confirmed by ground-based observatories, it boasts a mass 33 times that of our sun, located 1,926 light-years away in Aquila. Gaia-BH1, another nearby black hole, has nearly 10 solar masses. Sagittarius A* remains the galaxy's most massive black hole.**

9. Recently, DRDO organized the first international workshop on 'Emerging Technologies and Challenges for Exoskeleton' at which place?

- A. Bengaluru
- B. Chennai
- C. Hyderabad
- D. Bombay



- ✓ **Bengaluru hosts the inaugural international workshop on 'Emerging Technologies & Challenges for Exoskeleton' organized by DRDO. Inaugurated by Dr Samir V Kamat, Secretary of Department of Defence R&D, the event underscores exoskeleton technology's significance in military and civilian realms. Lt Gen JP Mathew highlights its history, challenges, and dual-use potential.**

10. Recently, which Indian Naval Ship seized 940 kgs of narcotics in the Arabian Sea as part of an operation led by the Combined Maritime Forces (CMF)?

- A. INS Kaveri
- B. INS Shakti
- C. INS Talwar
- D. INS Veer



- ✓ **INS Talwar, a vessel of the Indian Navy, intercepted 940 kg of drugs in the Arabian Sea under the Combined Maritime Forces (CMF) operation. CMF, headquartered in Bahrain, spans 3.2 million square miles of waters, safeguarding shipping lanes. It combats terrorism, piracy, fosters regional cooperation, and ensures maritime safety.**

11. Veeranam Lake is located in which district of Tamil Nadu?

- A. Chennai
- B. Chengalpattu
- C. Cuddalore
- D. Tirunelveli



- ✓ **Veeranam Lake, vital for Chennai's water supply, hit zero million cubic feet (mcft) in April, 2024, as per Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) data. Last year, it held 687.40 mcft; its capacity is 1,465 mcft.**
- ✓ **Located in Tamil Nadu's Cuddalore district, it's among the world's longest man-made lakes (14 km). It is built by Chola Prince Rajaditya Chola between 907-955 A.D., it's named after his father, Veeranarayanan. Fed by the Kollidam River, it's referenced in Kalki's "Ponniyin Selvan."**

12. Which organization developed the KAVACH system?

- A. Power Grid Corporation of India
- B. Research Design and Standards Organisation
- C. National Hydroelectric Power Corporation
- D. NTPC Ltd



- ✓ **The Supreme Court recently commended Railways for implementing the Kavach anti-collision system. Developed indigenously by Research Design and Standards Organisation (RDSO) in collaboration with Indian industry, Kavach is a state-of-the-art ATP system meeting SIL-4 standards. Utilizing high frequency radio communication, it prevents collisions by updating train movement continuously. It's the most cost-effective collision protection system.**

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1. Recently, which state holds the top position among Indian states for economic complexity?

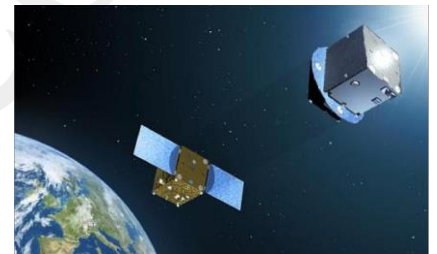
- A. Tamil Nadu
- B. Gujarat
- C. Kerala
- D. Telangana



- ✓ **Tamil Nadu leads Indian states in economic complexity, gauged by GDP and employment diversity. Its agri sector's contribution to Gross Value Added and labor force is below the national average, compensated by higher shares of industry, services, and construction. This balanced economy reflects a lower dependency on agriculture compared to the national average, positioning Tamil Nadu as a robust economic entity.**

2. 'Proba-3 Mission' is related to which space agency?

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



- ✓ **The European Space Agency's (ESA) Proba-3 mission is scheduled to launch in September 2024, using India's Polar Satellite Launch Vehicle (PSLV). The mission will see two satellites fly together in space, 144 meters apart, and aligned with the sun. The satellites will block each other's solar disk, allowing researchers to see the sun's faint corona, or surrounding atmosphere. This will be the first precision formation flying mission in the world.**

3. Which institution recently green lighted investments in the country's Sovereign Green Bonds (SGrBs) by Foreign Institutional Investors (FIIS)?

- A. RBI
- B. SIDBI
- C. Ministry of Finance
- D. NABARD



- ✓ **The Reserve Bank of India permits Foreign Institutional Investors to invest in Sovereign Green Bonds (SGrBs), aiming to fund environmental projects. SGrBs are debt securities issued by governments to support climate initiatives. The Union Budget 2022-23 introduced SGrBs.**

4. Recently, who was honored with the World Literary Prize for her contribution to literature by the World Organization of Writers (WOW)?

- A. Mahasweta Devi B. Mamta Ji Sagar
- C. Anita Desai D. Manjit Singh



- ✓ **Kannada poet Mamta Ji Sagar received the World Literary Prize from the World Organization of Writers (WOW) in April 2024 for her literary contributions. The ceremony took place during the inaugural Congress of the World Organization of Authors in Abuja, Nigeria, hosted by the Association of Nigerian Authors (ANA) Writers Village, established by Chinua Achebe in 1981.**

5. Noyyal River is the tributary of which river?

- A. River Kaveri B. River Vaigai
- C. River Thamirabarani D. River Palar



- ✓ **The Noyyal River in Tamil Nadu originates from the Velliangiri hills, flowing through Coimbatore, Tiruppur, Karur, and Erode districts before joining the Cauvery River. It faces pollution and choking due to plastics and sewage. Historical relics from Chalukya and Chola periods line its banks. Restoration efforts, aided by the Central Government's National River Restoration Fund, managed by the Ministry of Jal Shakti.**

6. What is the theme of 'World Heritage Day 2024'?

- A. Discover and Experience Diversity
- B. Heritage Changes
- C. Complex Pasts: Diverse Futures
- D. Heritage and Climate



- ✓ **April 18 marks 'World Heritage Day,' honoring cultural sites globally. It's also 'International Day for Monuments and Sites,' stressing heritage preservation. Recognized by UNESCO, it celebrates significant cultural and natural sites. In 2024, the theme is "Discover and Experience Diversity," urging reflection on our global treasures. It emphasizes understanding diverse cultures, traditions, and ecosystems, fostering appreciation for our shared heritage.**

7. Recently, a state-of-the-art Submersible Platform for Acoustic Characterization and Evaluation (SPACE) was inaugurated in which state?

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



- ✓ In Kerala, the Naval Physical & Oceanographic Laboratory of DRDO unveiled the Submersible Platform for Acoustic Characterisation and Evaluation (SPACE). It's a testing hub for sonar systems on Indian Navy ships, subs, and helicopters. SPACE has two parts: a floating platform and a submersible one reaching 100m depth. It facilitates quick deployment and recovery of scientific gear, aiding survey, sampling, and data collection for Anti-Submarine Warfare research.

8. Recently, a team of archaeologists discovered a unique Iron Age megalithic site in which state?

- A. Tamil Nadu
- B. Telangana
- C. Tripura
- D. Madhya Pradesh



- ✓ Archaeologists uncovered a unique Iron Age megalithic site at Ooragutta near Bandala village in SS Tadvai mandal, Mulugu district, Telangana. The Iron Age, spanning from 1200 BC to 600 BC marked a pivotal shift in human history with the advent of iron tools. This period witnessed significant advancements in agriculture, notably with the introduction of iron plows, enhancing farming efficiency.

9. Recently, which ministry has issued new Foreign Direct Investment (FDI) regulations for the space sector?

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



वित्त मंत्रालय
MINISTRY OF
FINANCE

- ✓ The Ministry of Finance has issued new Foreign Direct Investment (FDI) regulations for the space sector. The 'Foreign Exchange Management (Non-debt Instruments) (Third Amendment) Rules, 2024' modify the Foreign Exchange Management (Non-debt Instruments) Rules, 2019. These rules operate under the Foreign Exchange Management Act (FEMA), 1999.
- ✓ The amended FDI policy allows 100% FDI through both automatic and government routes, aligning with the Indian Space Policy 2023, replacing the previous approval route for satellite establishment and operation.

10. State of World Population 2024 report, recently released by which organization?

- A. World Bank
- B. United Nations Population Fund (UNFPA)
- C. United Nations International Children's Emergency Fund (UNICEF)
- D. United Nations Development Programme (UNDP)



- ✓ The United Nations Population Fund (UNFPA) released the 2024 State of the World's Population report in April 2024. India leads with a population of 144.17 crore, expected to double in 77 years. 68% aged 15-64, with a Total Fertility Rate of 2.0.

- ✓ Life expectancy at birth is 71 and 74 years for men and women respectively. Child marriage rates were 23%, and women with disabilities face up to 10 times more gender-based violence. Marginalized communities are largely ignored despite 30 years of SRH progress.

11. Recently, where was the World Future Energy Summit 2024 organized?

- A. Abu Dhabi B. London
- C. Paris D. New Delhi

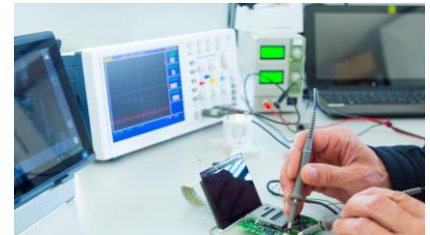


**WORLD FUTURE
ENERGY SUMMIT**

- ✓ The 16th World Future Energy Summit (WFES) 2024 took place from April 16–18, 2024 at the ADNEC Centre in Abu Dhabi, United Arab Emirates. The summit focused on the global energy transition, investment in clean energy, and a sustainable future. The summit featured a panel of women entrepreneurs leading decarbonization innovation.
- ✓ Masdar's parent company Mubadala, along with Abu Dhabi National Oil Company (ADNOC) and holding company ADQ, also agreed to form a hydrogen alliance to produce green and blue variants of the fuel.

12. Recently, which IIT has launched India's first medical devices calibration facility "on wheels"?

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



- ✓ IIT Madras launched India's first mobile medical device calibration facility to enhance healthcare accessibility. Developed under the Anaivarukkum IITM initiative, it addresses the critical need for accurate calibration of medical instruments for precise diagnosis and treatment. This initiative aligns with UN SDG 3, aiming for universal healthcare.

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1. According to UNCTAD report, what is the estimated growth rate of India's economy in 2024?

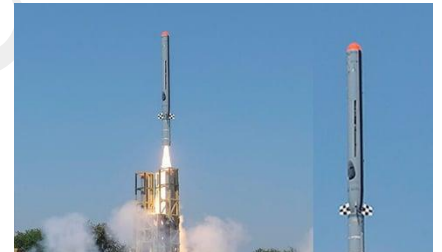
- A. 6.3%
- B. 6.5%
- C. 6.7%
- D. 6.9%



- ✓ **The United Nations Conference on Trade and Development (UNCTAD) forecasts India's economy to grow at 6.5% in 2024, following a 6.7% growth in 2023. India maintains its status as the world's fastest-growing major economy. Multinational companies are expanding manufacturing operations in India to diversify supply chains, aiming to boost exports. Growth in 2023 was driven by public capital investment and service sector expansion, as per the UNCTAD report.**

2. Recently, DRDO conducted a successful flight test of the Indigenous Technology Cruise Missile (ITCM) at which place?

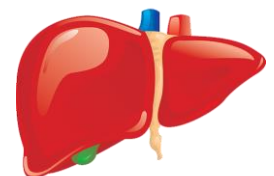
- A. Chandipur, Odisha
- B. Visakhapatnam, Andhra Pradesh
- C. Pokhran, Rajasthan
- D. Sriharikota, Andhra Pradesh



- ✓ **The Defence Research and Development Organisation (DRDO) successfully tested the Indigenous Technology Cruise Missile (ITCM) from Chandipur, Odisha. All subsystems performed well, monitored by range sensors and a Su-30-Mk-I aircraft. The missile showcased precise navigation, flying close to the sea surface. The test affirmed the reliability of the indigenous propulsion system by GTRE, Bengaluru. Developed by ADE, equipped with advanced avionics, the ITCM is a technology demonstrator with an upgraded seeker and small turbofan engine.**

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

- A. Keep your liver healthy and disease-free
- B. Be Vigilant, Get Regular Liver Check-Ups
- C. Keep your liver healthy and Spread awareness
- D. Spreading awareness about liver-related issues



- ✓ **On April 19th, World Liver Day promotes liver health awareness globally. This year's theme, "Keep your liver healthy and disease-free," highlights preventive measures and regular check-ups. The initiative aims to educate about liver-related disorders, encourage lifestyle changes, and support affected individuals.**

4. Lakshmana Tirtha River is tributary of which river?

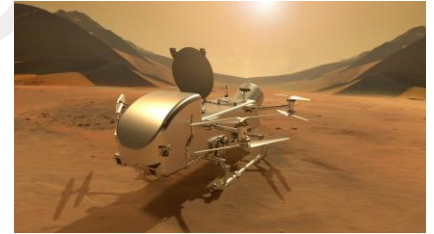
- A. Godavari
- B. Krishna
- C. Narmada
- D. Kaveri



- ✓ Severe drought and intense heat have caused the complete drying up of the Lakshmana Tirtha River, a tributary of the Kaveri in Karnataka. Originating in the Brahmagiri hills, it flows eastward before merging with the Kaveri River at Krishna Raja Sagara Lake.
- ✓ The famous Lakshmanatirtha Falls, or Irupu Falls, adorns its path, near Kerala's border. The Kaveri River, originating at Talakaveri, is sacred to Hindus and empties into the Bay of Bengal at Poompuhar, Tamil Nadu.

5. Dragonfly rotorcraft mission is associated with which space organization?

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



- ✓ NASA confirmed the Dragonfly rotorcraft mission to Saturn's moon Titan with a \$3.35 billion budget, launching in July 2028. It'll explore various locations, mainly on the moon's surface, with a radioisotope power system. Scheduled to arrive in 2034, it will search for prebiotic chemical processes, resembling early Earth conditions. Titan, Saturn's largest moon, boasts an Earth-like liquid cycle and a thick atmosphere.

6. Recently, who has been appointed as the next Chief of the Naval Staff?

- A. Admiral Karambir Singh
- B. Admiral Dinesh Kumar Tripathi
- C. Admiral Sunil Lanba
- D. Admiral Dinesh Tripathi



- ✓ Vice Admiral Dinesh Kumar Tripathi, PVSM, AVSM, NM, presently Vice Chief of the Naval Staff, appointed next Chief of the Naval Staff from April 30, 2024. Born May 15, 1964, commissioned in 1985, specializes in Communication and Electronic Warfare. With 39 years of service, he served as Flag Officer Commanding-in-Chief, Western Naval Command. Admiral R Hari Kumar, PVSM, AVSM, VSM, the current Chief, retires on April 30, 2024.

7. Recently, India delivered BrahMos supersonic cruise missiles to which country?

- A. Sweden
- B. Philippines
- C. Egypt
- D. Vietnam



- ✓ India delivered BrahMos supersonic cruise missiles to the Philippines under a \$375 million deal signed in 2022. BrahMos Aerospace, a joint venture of India's DRDO, signed the contract with the Philippines in January 2022 for the supply of Shore Based Anti-Ship Missile System. India's arms sales this year totaled Rs 21,000 crore, according to Prime Minister of India.

8. Directionally Unrestricted Ray Gun Array (DURGA) system is developed by which organization?

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



- ✓ The Defence Research and Development Organisation (DRDO) is testing DURGA-2, a prototype of its Directionally Unrestricted Ray Gun Array. This system utilizes lasers, microwaves, or particle beams to damage or destroy targets, offering advantages over conventional munitions. It operates at the speed of light, unaffected by gravity or atmospheric drag, and boasts precision and customizable effects.

9. Recently, which company has become the third-largest silver producer globally?

- A. Hindustan Zinc Limited
- B. Silver Zinc Corporation
- C. Sunrise Zinc Limited
- D. Mewat Zinc Limited



HINDUSTAN ZINC
Zinc & Silver of India

- ✓ Hindustan Zinc Limited, a subsidiary of the Vedanta Group, has become the world's third-largest silver producer, according to the 2024 World Silver Survey by The Silver Institute. The company's Sindesar Khurd Mine in Rajasthan is the world's second-largest silver-producing mine. In 2023, Hindustan Zinc produced 45.9 million ounces of silver, an 8% increase from the previous year.

10. Recently, what does World Health Organization (WHO) term pathogens that transmit through air?

- A. Waterborne pathogens
- B. Infectious respiratory particles
- C. Swine Flu
- D. Parkinson syndrome



- ✓ The World Health Organization (WHO) introduces the term 'Infectious Respiratory Particles' (IRPs) to describe pathogens transmitted through the air, addressing a lack of common terminology during the COVID-19 pandemic. IRPs encompass particles expelled through breathing, talking, coughing, or sneezing. They exist across a spectrum of sizes, with two descriptors: Airborne transmission (inhalation) and Direct deposition (exposure to expelled particles).

11. Recently, fossil of largest snake named 'Vasuki Indicus' discovered in which state?

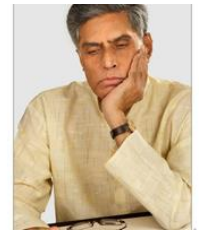
- A. Kerala
B. Gujarat
C. Maharashtra
D. Madhya Pradesh



- ✓ Discovered in Gujarat, a fossil vertebra confirms 'Vasuki Indicus' as the largest snake ever, estimated at 11-15 meters and 1 tonne. Likely an ambush predator in marshy swamps, it lived during a period of high global temperatures. Comparable to Titanoboa, a Colombian snake measuring 43 feet long and weighing over a tonne, Vasuki Indicus sheds light on prehistoric serpents' immense size and ecological roles.

12. Who is the author of the recently released book 'India - the Road to Renaissance: A Vision and an Agenda'?

- A. Amish Tripathi
B. Bhimeswara Challa
C. Bhavik Sarkhedi
D. Vikram Seth



- ✓ Bhimeswara Challa's book launch, "India — the Road to Renaissance: A Vision and an Agenda," at ASCI Hyderabad, signals a pivotal moment in India's intellectual discourse. As a former UN official, Challa offers a unique perspective, advocating for a resurgent India. His book serves as a passionate call to action, urging readers to confront pressing issues beyond electoral politics.

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1. According to the 2024 report from the New Lancet Commission, what is the projected number of annual deaths from breast cancer by 2040?

- A. 1 million
- B. 2 million
- C. 3 million
- D. 4 million



- ✓ According to a 2024 report from the New Lancet Commission, breast cancer is projected to cause one million deaths a year by 2040, an increase of more than 50% from 2020. The report states that, from 2015 to 2020, 7.8 million women were diagnosed with breast cancer, and 685,000 of those women died from the disease that same year.

2. Recently, which ministry organized the conference titled 'India's Progressive Path in the Administration of Criminal Justice System'?

- A. Ministry of Defence
- B. Ministry of External Affairs
- C. Ministry of Corporate Affairs
- D. Ministry of Law and Justice



विधि और न्याय मंत्रालय
MINISTRY OF LAW & JUSTICE

सत्यमेव जयते

- ✓ Three laws, Bharatiya Nyaya Sanhita, Bharatiya Nagarik Suraksha Sanhita, and Bharatiya Sakshya Adhinyam, replace archaic colonial laws, effective from July 1, 2024. Ministry of Law and Justice hosts 'India's Progressive Path in the Administration of Criminal Justice System' conference on April 20, 2024, in New Delhi, with Chief Justice D.Y. Chandrachud as Chief Guest. The event aims to elucidate the new laws and foster dialogue among stakeholders, including judges, lawyers, law enforcement, and students.

3. Recently, which country has tested the Pyoljji-1-2 anti-aircraft missile?

- A. Ukraine
- B. Iran
- C. North Korea
- D. Egypt



- ✓ On April 20, 2024, North Korea announced testing of Pyoljji-1-2 anti-aircraft and Hwasal-1 Ra-3 super large strategic cruise missiles in the West Sea of Korea. Conducted a day earlier, this test escalated tensions with South Korea and the USA. The Hwasal-1 Ra-3, capable of carrying nuclear warheads, underwent a power test.

4. Recently, who has been appointed as the Director General of the National Security Guard (NSG)?

- A. Nayi Pankaj Kumar
- B. Suresh Chand Yadav
- C. Gajender Singh
- D. Nalin Prabhat



- ✓ **Nalin Prabhat, a senior IPS officer, has been named Director General of India's National Security Guard (NSG), responsible for counter-terrorism and counter-hijack operations. Serving as Additional Director General of the CRPF in Jammu and Kashmir, he belongs to the 1992 IPS batch of Andhra Pradesh cadre. Appointed by the Appointments Committee of the Cabinet until August 31, 2028, he succeeds Daljit Singh Chaudhary, who held additional charge of the NSG.**

5. Which ministry recently released the National Curriculum for Early Childhood Care and Education 2024 titled 'Aadharshila'?

- A. Ministry of Information and Broadcasting
- B. Ministry of Health and Family Welfare
- C. Ministry of Home Affairs
- D. Ministry of Women and Child Development



महिला एवं
बाल विकास मंत्रालय
MINISTRY OF
WOMEN AND
CHILD DEVELOPMENT

- ✓ **The Ministry of Women and Child Development launched the National Curriculum for Early Childhood Care and Education 2024, named 'Aadharshila', aligned with the National Education Policy 2020. This 48-week curriculum caters to children aged three to six in anganwadis. Developed by a committee including various ministries, NCERT, and civil society organizations, it emphasizes foundational learning.**

6. Euvichol-S vaccine is mainly used in the treatment of which disease?

- A. Diarrhoea
- B. Cholera
- C. Malaria
- D. Dengue



- ✓ **The World Health Organization (WHO) prequalified the Euvichol-S vaccine, a simplified and cost-effective version of the oral cholera vaccine (OCV) Euvichol-Plus. It contains fewer ingredients, is cheaper, and can be produced more rapidly. Cholera, caused by Vibrio cholerae bacteria, is transmitted through contaminated food or water. Most cases occur in the Middle East and Africa, with India reporting 132 cases in 2023 (until July).**

7. The Shompen Tribe primarily resides in which region?

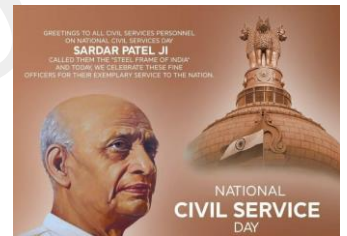
- A. Diu Island
- B. Netrani Island
- C. Lakshadweep Island
- D. Great Nicobar Island



- ✓ **Shompen, a Particularly Vulnerable Tribal Group, cast their first Lok Sabha Election vote. Residing in the dense tropical rainforests of Great Nicobar Island, they belong to the Mongoloid group. With an estimated population of 229 according to the 2011 Census, they are hunters and gatherers, living a semi-nomadic life.**

8. Which day is celebrated as 'National Civil Service Day' every year?

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



- ✓ **National Civil Services Day is celebrated on April 21 annually in India to honor civil servants, the nation's administrative backbone. It commemorates Sardar Vallabhbhai Patel's 1947 address to probationary officers, calling them 'the steel frame of India.' The day involves recognizing and motivating civil servants, evaluating departmental performance, and presenting awards for excellence in public administration, reaffirming their commitment to serving citizens.**

9. Which Indian state topped in electronic exports in FY 2023-24?

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



- ✓ **Tamil Nadu is the top state for electronic exports in India for the financial year 2023-24, with a record-breaking \$9.56 billion in exports. This accounts for 30% of all electronic goods exports from India in the year 2024. Tamil Nadu exports a variety of electronic goods, including hardware, leather goods, textiles, and automobiles.**

10. Global Financial Stability Report, recently released by which organization?

- A. International Monetary Fund
- B. World Bank
- C. World Trade Organization
- D. World Health Organization



- ✓ The International Monetary Fund released its latest Global Financial Stability Report, a biannual assessment evaluating the stability of global financial markets and emerging-market financing. Published in April and October, the report scrutinizes current financial conditions, highlighting potential risks such as imbalances in the financial and structural realms. It aims to address threats to global financial stability and assess access to financing for emerging-market nations.

11. According to recent report, what percentage of cultivable land in India is reported to have acidic soil?

- A. 30% B. 40%
C. 20% D. 10%



- ✓ A recent report reveals that over 30% of cultivable land in India suffers from acidic soil, hampering plant growth. Acidification, a process where soil pH declines over time, is exacerbated by agricultural activities, affecting both surface and subsoil. Acidic soils are prevalent in humid southwestern, northeastern, and Himalayan regions. Contributing factors include excessive ammonium-based nitrogen fertilizers, leaching of nitrate nitrogen, and removal of alkaline plant materials during harvesting.

12. Panhala Fort is located in which state?

- A. Maharashtra B. Karnataka
C. Goa D. Madhya Pradesh



- ✓ The Archaeological Survey of India (ASI), Mumbai Circle celebrated World Heritage Day at Panhala Fort in Maharashtra. Traditionally linked with sage Parashar, it strategically lies along trade routes. Built by Shilahara ruler Bhoja in the 11th century, it passed through various dynasties including Yadavas, Bahamani, Adilshahi, Marathas, and Mughals.

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

- A. Invest in our Planet
- B. Planet vs Plastics
- C. Climate Action
- D. Restore Our Earth



- ✓ **Earth Day is celebrated on April 22 to demonstrate support for environmental protection. World Earth Day, April 22, 2024, focuses on "Planet vs Plastics," highlighting the urgent need to address plastic pollution. earthday.org calls for a 60% reduction in plastic production by 2040 for planetary health. Originating in 1970 from Senator Gaylord Nelson and Harvard student Denis Hayes, Earth Day responds to environmental degradation, catalyzed by the 1969 Santa Barbara oil spill.**

2. Recently, which region of India is being considered for the prestigious World Craft City (WCC) title by the World Crafts Council International (WCCI)?

- A. Kumbakonam
- B. Srinagar
- C. Kanchipuram
- D. Udaipur



- ✓ **The World Crafts Council International (WCCI) has identified Srinagar as a potential candidate for the World Craft City (WCC) designation from India this year. The WCCI is a Kuwait-based non-profit organization that promotes fellowship, economic development, and exchange programs. The WCCI has inspected several clusters where artisans are working on local crafts like Pashmina shawls, carpets, and papier mâché.**

3. Recently, who received the Asunta Lakra Award?

- A. Deepika Soreng
- B. Nikki Pradhan
- C. Navneet Kaur
- D. Sharmila Devi



- ✓ **Deepika Soreng, honored with the Hockey India Asunta Lakra Award for Upcoming Player in 2023. Making her debut at the Women's Junior Asia Cup, she scored 7 goals in 6 matches, securing the gold medal for India. Deepika's presence in international tournaments, including the FIH Junior Women's World Cup, contributed to significant victories. Notably, she played a crucial role in India's silver medal at the FIH Women's Hockey 5s World Cup Oman 2024, earning the Young Player of the Tournament title with 9 goals.**

4. Indelible ink, recently seen in the Lok Sabha elections, is prepared by using which chemical?

- A. Sodium Nitrate (NaNO_3)
- B. Silver Nitrate (AgNO_3)
- C. Potassium Nitrate (KNO_3)
- D. Sodium Chloride (NaCl)



- ✓ As Lok Sabha elections approach, the iconic symbol of Indian polls, a purple-black indelible ink mark on the left index finger, becomes ubiquitous. The ink, containing silver nitrate, remains visible under UV light and resists soap and liquids for up to 72 hours. Manufactured by CSIR and licensed to Mysore Paints & Varnish Ltd. since 1962, it's exported to over 25 countries. Mandated by the Representation of the People Act (RoPA) of 1951, it ensures electoral integrity.

5. Seng Khihlang festival is celebrated in which state?

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



- ✓ The 34th Seng Khihlang festival concluded in Wahiajer, Meghalaya. Hosted by the Seng Khasi Sein Raij, it unifies followers of the Khasi Indigenous Faith. A highlight is the exchange of the Monolith, symbolizing unity. This year, Wahiajer received it from Seng Khasi Shaid Shaid. Khasi people, indigenous to Meghalaya and parts of Assam and Bangladesh, celebrate their culture and faith during Seng Khihlang, showcasing their vibrant community.

6. Recently, who became the youngest male chess player to win the FIDE Candidate Tournament?

- A. Ding Liren
- B. D Gukesh
- C. Arjun Erigaisi
- D. Nihal Sarin



- ✓ 17-year-old D Gukesh of India, after drawing with Hikaru Nakamura, became the youngest male to win the 2024 FIDE Candidate Tournament in Toronto, Canada. Tan Zhongyi of China won the women's section. Gukesh, with nine points, secured his victory, facing Ding Liren for the 2024 FIDE World Chess Championship. He's the second Indian to win after Vishwanathan Anand and the youngest ever. Kasparov and Carlsen won at 21 and 22, respectively.

7. Recently, which armed force conducted 'Exercise Poorvi Lehar' on East Coast?

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



- ✓ **Indian Navy conducted 'Exercise Poorvi Lehar' off the Eastern Seaboard on April 20, 2024. Under Flag Officer Commanding-in-Chief, Eastern Naval Command, the exercise aimed to assess the Navy's readiness for maritime security challenges. It involved ships, submarines, aircraft, and special forces. Conducted in two phases, it included combat training in real scenarios and successful firings to confirm warhead delivery capability. Continuous maritime awareness was maintained with aircraft operating from various locations.**

8. Thrissur Pooram festival is primarily associated with which state?

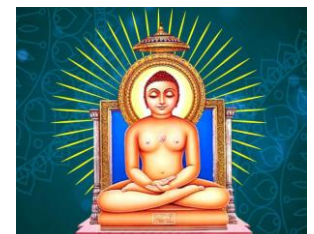
- A. TN (Tamil Nadu)
- B. KA (Karnataka)
- C. MH (Maharashtra)
- D. KL (Kerala)



- ✓ **Thrissur Pooram, a grand temple festival celebrated globally, embodies Kerala's rich culture and diversity. Rooted in tradition, it unites people of all backgrounds with music, processions, fairs, and fireworks. Lasting seven days, the highlight is the sixth day in the Malayalam month of Medam, coinciding with the Pooram star. Established in 1796 by Shakthan Thampuran, it ensures the continuity of temple festivals. This year, Thrissur Pooram falls on April 20, showcasing Kerala's vibrant heritage.**

9. Recently, Prime Minister of India inaugurated the Bhagwan Mahavir Nirvana Mahotsav at which place?

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



- ✓ **Prime Minister Narendra Modi inaugurated the 2550th Bhagwan Mahaveer Nirvan Mahotsav in New Delhi on Mahaveer Jayanti. He paid homage to Bhagwan Mahaveer, witnessed a dance drama by school children, and released a commemorative stamp and coin. Addressing the gathering, he praised the youth's dedication to Mahaveer's values, thanked the Jain community.**

10. Recently, Zero Shadow Day was observed in which region of India?

- A. Puducherry
- B. Great Nicobar
- C. Cape Comorin
- D. Kavaratti



- ✓ Zero Shadow Day was recently observed in Pondicherry. It happens twice yearly between the Tropic of Cancer and the Tropic of Capricorn, occurring between the December and June solstices, and vice versa. This phenomenon is exclusive to latitudes within +23.5 and -23.5 degrees. On this day, the Sun is directly overhead, casting no shadows. This occurs when sunlight strikes surfaces perpendicularly, resulting in shadows being obscured.

11. Rampage Missile is developed by which country?

- A. Iran
- B. Iraq
- C. Israel
- D. Indonesia



- ✓ Israel recently utilized the Rampage missile, an advanced air-to-surface weapon, in an attack on an Iranian military base. Developed by Israel Aerospace Industries and Israeli Military Industries Systems, the Rampage is a long-range, supersonic missile designed for precision strikes against fortified targets.

12. Which organization will host the Summit of the Future on September 22–23, 2024?

- A. World Bank
- B. United Nations General Assembly
- C. International Monetary Fund
- D. United Nations Environment Programme



- ✓ The Secretary-General announced that reforming Multilateral Development Banks (MDBs) will be a focal point at the 2024 Summit of the Future. United Nations General Assembly (UNGA) will host the Summit of the Future on Sept.22–23, 2024. MDBs are crucial international financial institutions offering aid and expertise to developing nations, owned by multiple member countries. They work globally to foster economic progress, alleviate poverty, and endorse sustainable growth. Prominent MDBs comprise the World Bank Group, Asian Development Bank, among others.

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1. Recently, who won the prestigious 2024 World Press Photo of the Year award?

- A. Ronald Schemidt
- B. Mohammed Salem
- C. Kayin Luys
- D. Ruben Soto



- ✓ **Mohammed Salem received the 2024 World Press Photo of the Year award for his poignant image capturing a Palestinian woman holding her five-year-old niece's body in the Gaza Strip. Taken on Oct. 17, 2023, at Nasser Hospital in Khan Younis during Israeli bombings, the photograph reflects the human toll of conflict. Salem's work highlights the ongoing struggles faced by Palestinians in Gaza, earning him international recognition for his powerful storytelling through photography.**

2. Recently, which organization released the "Trends in World Military Expenditure, 2023 Report?"

- A. NATO
- B. United Nations
- C. Stockholm International Peace Research Institute
- D. World Bank



**STOCKHOLM INTERNATIONAL
PEACE RESEARCH INSTITUTE**

- ✓ **The "Trends in World Military Expenditure, 2023 Report" by SIPRI, established in 1966, highlights global military spending. India ranked fourth in military spending at \$83.6 billion after the US, China, and Russia. NATO states' expenditure totaled \$1341 billion, comprising 55% of global spending. The report attributes the record-high global military expenditure of \$2443 billion to Russia's Ukraine invasion and geopolitical tensions. SIPRI focuses on conflict research, armaments, arms control, and disarmament.**

3. Recently, where was the Ocean Decade Conference 2024 held?

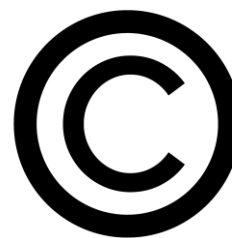
- A. Barcelona, Spain
- B. Paris, France
- C. New Delhi, India
- D. Moscow, Russia



- ✓ **India, at the 2024 Ocean Decade Conference in Barcelona, proposed a region-specific ocean observation center for deep-sea ecosystem understanding. Led by Earth Sciences Secretary M. Ravichandran, the delegation emphasized better forecasting. The conference, from April 10 to 12, aimed to assess progress toward UN Decade of Ocean Science goals (2021-2030). Spain, with UNESCO, hosted the event under the theme "Delivering the science we need for the ocean we want."**

4. What is the theme of World Book and Copyright Day 2024?

- A. Indigenous Languages
- B. Read Your Way
- C. To share a story
- D. Read, so you never feel low



- ✓ **World Book and Copyright Day, observed annually on April 23rd, promotes reading and publishing. UNESCO organizes events worldwide. The 2024 theme, "Read Your Way," highlights the joy of reading. Established in 1995, it honors literary giants like Shakespeare and Cervantes. April 23 marks the death anniversaries of Cervantes and Shakespeare.**

5. State of the Climate in Asia 2023 report is released by which organization?

- A. International Labour Organization
- B. Food and Agriculture Organization
- C. World Meteorological Organization
- D. World Health Organization



- ✓ **The WMO State of the Climate in Asia 2023, the fourth edition of annual climate reports, involved various institutions, including NMHSs, RCCs, and UN agencies. It highlights key climate indicators, impacts, and risks, addressing physical science, socio-economic, and policy aspects. In 2023, Asia experienced its second-highest mean temperature, extreme heat events, and record sea-surface temperature anomalies. Hydrometeorological hazards led to over 2,000 fatalities and affected millions, with floods and storms predominating.**

6. Saurav Ghosal, who recently announced his retirement, is associated with which sports?

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



- ✓ **India's top male squash player, Saurav Ghosal, retired from professional squash after a 21-year career. Ghosal, who began in 2003, claimed 10 PSA titles and reached 18 finals. His last victory was in 2021 at the Malaysian Open. Ghosal, ranked world No. 10 in 2019, held the highest Indian ranking. He was the first Indian to attain junior World No. 1 in 2004 and the only to reach the top 10 in men's singles.**

7. Mullaperiyar dam is located in which state?

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



- ✓ **The Supreme Court set July.10 to finalize legal matters regarding Tamil Nadu's objection to Kerala's Survey of India report on the Mullaperiyar catchment area. The case arose from Kerala's construction of a mega car park, prompting Tamil Nadu to seek a permanent injunction against encroachment. Conflict intensified in 2023 when the National Green Tribunal allowed Kerala's projects in the Periyar Tiger Reserve. The Mullaperiyar Dam is located on Periyar River in Kerala and is built between 1887 and 1895, diverts Periyar river water to arid regions.**

8. Rashtriya Raksha University recently signed an MoU with which country to boost innovation in aerospace, defence, and homeland security?

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



- ✓ **Rashtriya Raksha University (RRU) in Gandhinagar, India, and Starburst Aerospace of France have inked a significant memorandum of understanding (MoU) to boost innovation in aerospace, defence, and homeland security. This aligns with the India-France Strategic Partnership and includes the creation of a 100 million euros venture capital fund. Indian startups will also receive export promotion support.**

9. Recently, who received the prestigious Aryabhata Award from the Astronautical Society of India (ASI)?

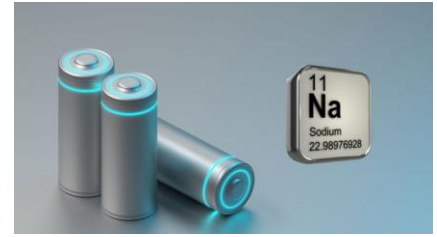
- A. G Satheesh Reddy
- B. Ram Narain Agarwal
- C. S Somnath
- D. Pavuluri Subba Rao



- ✓ **Pavuluri Subba Rao, Founder, CEO, and Chairman of Ananth Technologies, was honored with the prestigious 'Aryabhata Award' by the Aeronautical Society of India (ASI) for his outstanding contributions to astronautics in India. Additionally, Rao was named a 'Distinguished Fellow' by ASI, recognizing his remarkable impact on the aerospace and aviation sectors.**

10. Which country's researchers recently developed a sodium-ion battery that can be charged in seconds?

- A. China
- B. South Korea
- C. India
- D. Japan



- ✓ **South Korean researchers unveiled a breakthrough: a high-power hybrid sodium-ion battery. It charges in seconds, potentially reshaping mineral demand for tech. Sodium, nearly 1000 times more abundant than lithium, promises cheaper, more accessible energy storage**

11. Recently, who became the first woman Vice Chancellor of Aligarh Muslim University?

- A. Naima Khatoon
- B. Fatima Sheikh
- C. Farhat Hashmi
- D. Kushboo Mirza



- ✓ **Professor Naima Khatoon is appointed as the Vice Chancellor of Aligarh Muslim University (AMU), the first woman to hold the position in its history. The appointment was made by the Ministry of Education and approved by President Droupadi Murmu. Khatoon, currently the Principal of AMU's Women's College, will serve for five years or until she turns 70.**

12. Prachi Yadav, who recently won two gold medals in the ACC Paracanoe Asian Championship 2024, belongs to which state?

- A. Jharkhand
- B. Uttar Pradesh
- C. Madhya Pradesh
- D. Haryana



- ✓ **Prachi Yadav, Madhya Pradesh's leading para canoer from Gwalior, secured two gold medals at the ACC Paracanoe Asian Championship 2024 in Tokyo, Japan. She triumphed in the Women's KL2 and Women's VL2 categories. Notably, Prachi was honored with the prestigious Arjuna Award in 2023 for her outstanding achievements in the sport.**

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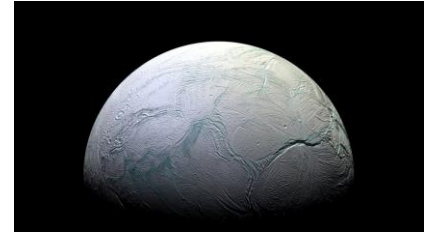
<https://play.google.com/store/apps/details?id=co.robin.jbzwb>

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<https://wp.me/p7JanY-ag8>

1. What is 'Enceladus'?

- A. Ancient irrigation system
- B. Nuclear powered ballistic submarine
- C. Saturn's ocean moon
- D. Invasive plant



- ✓ **Enceladus, one of Saturn's 146 moons, reveals potential for life with its liquid ocean, carbon-based chemistry, and energy from tidal heating. NASA's Cassini-Huygens mission, spanning 2004 to 2017, discovered plumes of water erupting from Enceladus, providing insights into its subsurface ocean's composition. The presence of life-supporting phosphate in ice grains further strengthens the case. Mimas and Titan, Saturn's other moons, also show signs of life.**

2. Which district of Tamil Nadu recently celebrated the 'Chithirai Car Festival'?

- A. Madurai
- B. Virudhunagar
- C. Tiruchirappalli
- D. Tirunelveli



- ✓ **Thousands of devotees' flock to the Masi streets for the grand Chithirai Car Festival at Meenakshi Sundareswarar Temple. Celebrated during the Tamil months of Chithirai or Panguni, the festival honors the divine union of Goddess Meenakshi and Lord Sundareswarar. It symbolizes unity between Saivaites and Vaishnavites, glorifying both Lord Shiva and Lord Vishnu. The festival spans various rituals, beginning with temple flag hoisting and culminating in celebrations at Alagar Hills, rooted in tradition dating back 700 years.**

3. What is 'Crystal Maze 2'?

- A. Ballistic Missile
- B. Asteroid
- C. Earth Communication Satellite
- D. Invasive Plan



- ✓ **The Indian Air Force (IAF) recently conducted a successful test firing of the Crystal Maze 2 missile, also known as ROCKS. Originating from Israel, this air-launched medium-range ballistic missile is designed for targeting high-value stationary and relocatable assets like long-range radars and air defense systems. It boasts extended stand-off range capabilities compared to its predecessor, Crystal Maze 1, with a range of over 250 kilometers.**

4. Which day is celebrated as 'National Panchayati Raj Day'?

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



- ✓ **The National Panchayat Raj Day is celebrated every year in India on April.24 by the Ministry of Panchayat Raj. On this day, in 1993, the Constitution (73rd Amendment) Act, 1992 came into force that has institutionalized Panchayat Raj through the village, Intermediate and District level Panchayats.**

5. What is the theme of 'World Immunization Week' 2024?

- A. Long Life for All
- B. Humanly Possible: Immunization for All
- C. Vaccines bring us closer
- D. Vaccines Work for All



- ✓ **'World Immunization Week' is celebrated annually from April 24 to 30 to highlight the importance of vaccines. Established by the World Health Assembly in 2012, it now spans over 180 countries. The theme for 2024 is 'Humanly Possible: Immunization for All', emphasizing universal access to vaccines. Vaccination campaigns have eradicated smallpox and nearly eliminated polio.**

6. What is the Miyawaki Method?

- A. Technique to create dense forests with native plants
- B. To establish urban gardens with non-native species
- C. Development of gardens using genetically modified flora
- D. Promotion of commercial farming in semi-arid areas



- ✓ **The Embassy of Israel in India has partnered with the 'Million Miyawaki' project, which focuses on enhancing air quality in Indian cities by mass afforestation of urban areas. The initiative is based on the Miyawaki Method, developed by Japanese botanist Akira Miyawaki, which promotes rapid growth and replication of natural biodiversity in limited spaces. Although lacking some qualities of natural forests, like medicinal properties and rain generation, Miyawaki forests aid in mitigating ecological impacts of activities like mining and create carbon sinks.**

7. Recently, where was the 'ASEAN Future Forum' held?

- A. Jakarta, Indonesia
- B. Phnom Penh, Cambodia
- C. Kuala Lumpur, Malaysia
- D. Hanoi, Vietnam



- ✓ India's External Affairs Minister joined the inaugural 'ASEAN Future Forum' virtually, hosted in Hanoi, Vietnam. ASEAN, comprising 10 member nations, focuses on economic growth and regional stability. Proposed at the 43rd ASEAN Summit in 2023, the forum serves as a platform for member states and partners to exchange ideas and policy suggestions.

8. Recently, which bank has signed an agreement with Tata Power Solar Systems to provide loans under the PM Surya Ghar Muft Bijli Yojana?

- A. NABARD
- B. Indian Bank
- C. State Bank of India
- D. Karur Vysya Bank



- ✓ Indian Bank, based in Chennai, has partnered with Tata Power Solar Systems to offer loans under the PM Surya Ghar Muft Bijli Yojana. This initiative, launched by Prime Minister Narendra Modi on February 13, 2024, aims to provide free electricity to one crore households in India through rooftop solar systems. Eligible households, meeting specific criteria, can receive up to 300 units of free electricity monthly. The government has allocated Rs 75,021 crore for this scheme.

9. Council of Scientific & Industrial Research, as a part of the Earth Day Celebrations, recently installed India's biggest Climate Clock at which place?

- A. Chennai
- B. New Delhi
- C. Prayagraj
- D. Ujjain



- ✓ As part of Earth Day Celebrations, the Council of Scientific & Industrial Research (CSIR) unveiled India's largest Climate Clock at its headquarters in Rafi Marg, New Delhi. The initiative aims to raise awareness about climate change. Prof Chetan Singh Solanki, from IIT Bombay, emphasized the urgency for energy literacy among citizens, urging them to minimize energy consumption.

10. Voyager 1 Spacecraft is a space probe launched by which space organization?

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



- ✓ **NASA's Voyager 1 probe, launched in 1977, is transmitting vital data after a period of malfunction, the agency announced. The spacecraft's mission aims to explore the outer Solar System and beyond, conducting flybys of Jupiter and Saturn, discovering new moons and rings. It became the first human-made object to exit the Solar System in 2012. Voyager 1 is expected to remain operational until at least 2025, currently 13.8 billion miles away from the sun.**

11. Which organization recently released a report titled "Towards a Regenerative Blue Economy – Mapping the Blue Economy"?

- A. International Union for Conservation of Nature (IUCN)
- B. Natural Resources Defense Council (NRDC)
- C. World Wildlife Fund (WWF)
- D. Wildlife Conservation Society (WCS)



- ✓ **The IUCN released a report titled "Towards a Regenerative Blue Economy – Mapping the Blue Economy," proposing a definition and principles for a Regenerative Blue Economy (RBE). The RBE model aims for effective regeneration and protection of ocean ecosystems, along with sustainable economic activities and fair prosperity.**

12. Recently, which state government is planning to denotify a sizeable area of Pulicat Lake Bird Sanctuary?

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



- ✓ **The Tamil Nadu government intends to denotify a significant portion of the Pulicat Lake Bird Sanctuary. Situated along the Bay of Bengal between Andhra Pradesh and Tamil Nadu, Pulicat Lake is India's second-largest brackish water lake, following Odisha's Lake Chilika. Sriharikota Island acts as a barrier between the lagoon and the Bay of Bengal. Fed by the Kalangi and Arani rivers, the sanctuary hosts the largest gathering of flamingos.**

13. Which Indian Naval Sailing Vessel recently marked a historic transoceanic expedition of nearly 2 months by two women officers of the Indian Navy?

- A. INSV Tarini
- B. INSV Saryu
- C. INSV Kaveri
- D. INSV Kirpan



- ✓ The Indian Naval Sailing Vessel INSV Tarini completed a significant transoceanic journey, led by two female officers, culminating in its return to Goa after nearly two months. This achievement underscores the Indian Navy's commitment to gender equality and women's empowerment in maritime roles. Next, the crew is gearing up for Sagar Parikrama-IV, a global circumnavigation expedition set for September 2024 aboard INSV Tarini.

14. Recently, which country has appointed Col. Edison Napyo as the first Defence Adviser of India?

- A. New Zealand
- B. Tonga
- C. Fiji
- D. Papua New Guinea



- ✓ Papua New Guinea has named Colonel Edison Napyo as its inaugural Defence Advisor to India, signifying deepening cooperation between the two nations. Acting Chief of Defence Force Commodore Philip Polewara led the farewell ceremony for Napyo, who will serve as a liaison between PNG's government and military in India. Col Napyo, the first to hold this position.

15. Which bank recently unveiled its Climate Strategy 2030 document, which aims to address India's need for green financing?

- A. NABARD
- B. SIDBI
- C. SBI
- D. PNB



- ✓ On Earth Day, the National Bank for Agriculture and Rural Development (NABARD) revealed its Climate Strategy 2030, targeting India's green financing requirements. Key pillars include accelerating green lending, broadening market-making roles, internal transformation, and resource mobilization. India needs approximately \$170 billion annually to achieve a cumulative total of over \$2.5 trillion by 2030, yet only received \$49 billion in green financing as of 2019-20.

16. What is the theme of 'World Malaria Day 2024'?

- A. Zero Malaria starts with me
- B. Accelerating the fight against malaria for a more equitable world
- C. Harness innovation to reduce the malaria disease burden
- D. Zero Malaria - Draw the line against Malaria



- ✓ World Malaria Day is observed annually on April 25. In 2024, the theme is "Accelerating the fight against malaria for a more equitable world." Malaria, transmitted through mosquito bites, manifests with symptoms like shaking chills and high fever. It's prevalent in tropical regions but preventable with precautions. The day aims to raise awareness about prevention methods and combat the disease's impact.

17. Recently, which organization has been conferred the Outstanding Public Sector Undertaking (PSU) of the Year award?

- A. BHEL
- B. ONGC
- C. HAL
- D. IOCL



- ✓ Hindustan Aeronautics Limited (HAL) received the Outstanding Public Sector Undertaking (PSU) of the Year award at the All-India Management Association (AIMA) Managing India Awards. Vice-President Jagdeep Dhankhar presented the award in Delhi on April 23. HAL achieved record revenue of over ₹29,810 crore in the fiscal year ending March 31, 2024, marking an impressive 11% growth. AIMA, established in 1957, promotes management excellence across India, collaborating with various sectors to advance the profession.

18. What is '*Stellaria mcclintockiae*'?

- A. A new plant species
- B. Traditional irrigation technique
- C. Earth observation satellite
- D. Black hole



- ✓ A new plant species, *Stellaria mcclintockiae*, has been identified by researchers in the Nelliampathy hills, belonging to the *Stellaria* (*Caryophyllaceae* species) group. Named in tribute to geneticist Barbara McClintock, it's the first of its kind discovered in southern India. The species exhibits distinct traits compared to others in the wild, marking a significant addition to botanical knowledge.

19. Rashtriya Arogya Nidhi (RAN) scheme is administered by which ministry?

- A. Ministry of Rural Development
- B. Ministry of Health and Family Welfare
- C. Ministry of Women and Child Development
- D. Ministry of Agriculture



स्वास्थ्य एवं
परिवार कल्याण मंत्रालय
MINISTRY OF
HEALTH AND
FAMILY WELFARE

- ✓ The Delhi High Court recently deemed the new income threshold for the Rashtriya Arogya Nidhi (RAN) scheme as "extremely low." Under the revised RAN umbrella scheme, the monthly income limit for benefits stands at ₹1,571 for rural areas and ₹1,605 for urban areas. Administered by the Ministry of Health and Family Welfare, RAN provides one-time financial aid to impoverished patients with life-threatening diseases like heart, kidney, liver, and cancer for treatment at specialized government hospitals.

20. Eravikulam National Park, recently seen in news due to project Nilgiri Tahr, is located in which state?

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



- ✓ Tamil Nadu and Kerala are set to conduct the first synchronized survey of Nilgiri tahr starting April 29, a monumental effort in India. Supriya Sahu, Additional Chief Secretary for Environment, Climate Change, and Forest, anticipates valuable insights from this initiative. The Eravikulam National Park harbors the largest population of these endemic ungulates, native to the southern Western Ghats. Nilgiri tahr, the state animal of Tamil Nadu, faces endangerment, according to the IUCN.

21. Which organization has recently released the 2nd edition of its global sodium benchmarks for different food categories?

- A. FAO
- B. WHO
- C. ILOs
- D. WMO



World Health
Organization

- ✓ The World Health Organization (WHO) has launched its 2nd edition of global sodium benchmarks for various food categories, as part of its effort to curb sodium intake and combat chronic health issues like high blood pressure and obesity. These benchmarks serve as reference values to gauge progress in reducing sodium consumption. WHO advises adults to consume less than 2000 mg/day of sodium (equivalent to less than 5 g/day salt) for better health outcomes.

22. What is the theme of International Delegate's Day 2024?

- A. Make the World a better place
- B. Together, we challenge those in power
- C. People of the World
- D. Role of Delegates



- ✓ **The International Delegate's Day is celebrated on April 25th each year to recognize the important role of delegates who represent their countries at the United Nations (UN). The theme for International Delegate's Day in 2024 is "Together, we challenge those in power". Delegates negotiate agreements, coordinate with their home countries, and form alliances or compromise. They embody the multilateralism that the UN stands for.**

23. Khongjom Day is observed in which state?

- A. Jharkhand
- B. Uttar Pradesh
- C. Manipur
- D. Haryana



- ✓ **On April 23, Manipur observed Khongjom Day, commemorating the fallen heroes of the Khongjom Battle in 1891 against the British. The event took place at the Khongjom War Memorial Complex in Thoubal district. High-profile attendees included Governor Sushri Anusuiya Uikey and Chief Minister N. Biren Singh, who laid floral wreaths and honored the martyrs with a guard of honor, salute, and two-minute silence.**

24. Recently, where was the 6th edition of International Conference on Disaster Resilient Infrastructure held?

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



- ✓ **The 6th International Conference on Disaster Resilient Infrastructure held in New Delhi, chaired by Prime Minister Narendra Modi. The Prime Minister emphasized, "We must invest in resilient infrastructure today for a better tomorrow."**
- ✓ **Underlining that nature and disasters have no borders, the Prime Minister said that disasters and disruptions cause widespread impact in a highly interconnected world. "The world can be resilient collectively, only when each country is resilient individually", PM Modi said. He stressed the importance of shared resilience due to shared risks and said that CDRI and this conference will help the world come together for this collective mission.**

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<https://wp.me/p7JanY-ag8>

1. Indian Historical Records Commission (IHRC) is related to which ministry?

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



संस्कृति मंत्रालय
MINISTRY OF
CULTURE

- ✓ In April 2024, the Indian Historical Records Commission (IHRC) unveiled its new logo and motto, "Yatra Itihasam Bhavishyaam Prasakshantah". Chosen from 436 entries in an online competition, Shaurya Pratap Singh's submission won.
- ✓ Established in 1919, IHRC is a pivotal advisory body on archival matters in India, overseeing record management and historical research. It operates under the Union Minister of Culture, serving as a nationwide platform for record creators, custodians, and users.

2. What is the theme of 'World Intellectual Property Day 2024'?

- A. Women and IP: Accelerating innovation and creativity
- B. IP and the SDGs: Building our common future with innovation and creativity
- C. IP and Youth Innovating for a Better Future
- D. Taking your ideas to the market



- ✓ World Intellectual Property Day, observed annually on April 26, is organized by WIPO to highlight the significance of Intellectual Property (IP) in fostering innovation and creativity. The theme for 2024 is 'IP and the SDGs: Building our common future with innovation and creativity'. WIPO became a specialized agency of the UN in 1974.

3. Recently, 26th World Energy Congress is organized in which country?

- A. Belgium
- B. Netherlands
- C. Germany
- D. Denmark



- ✓ A Ministerial Round Table Conference convened on April 24, 2024, during the 26th World Energy Congress in Rotterdam, Netherlands. Discussions centered on the transformative impact of the COP28 UN Climate Change Conference in Dubai. The Congress, themed 'Redesigning Energy for People and Planet', aimed to shape global energy transitions amidst unpredictability.

4. Recently, India's first multipurpose Green Hydrogen Pilot Project was inaugurated in which state?

- A. Himachal Pradesh
- B. Madhya Pradesh
- C. Odisha
- D. Aunachal Pradesh



- ✓ **SJVN Limited inaugurated India's first multipurpose green hydrogen pilot project at the Nathpa Jhakri Hydro Power Station in Himachal Pradesh. Operating for eight hours daily, it aims to produce 14 kg of green hydrogen. The project will also produce high-velocity oxygen fuel coating material for NJHPS. Its 20 Nm/hour alkaline electrolyzer is powered by renewable energy from a 1.31 MW solar power plant in Shimla.**

5. Which bank has recently collaborated with RBI to revolutionize agricultural lending through digitalization?

- A. NABARD
- B. SBI
- C. SIDBI
- D. HDFC



- ✓ **NABARD and the RBI Innovation Hub have joined hands to modernize agricultural lending through digitalization, aiming to streamline loan processing and improve accessibility for Indian farmers. NABARD will integrate its e-KCC loan origination system portal with the RBI Innovation Hub's Public Tech Platform for Frictionless Credit (PTPFC). This collaboration aligns with NABARD's goal of promoting rural prosperity and advancing financial inclusion in rural areas, as emphasized by Chairman Shaji K V.**

6. Chernobyl nuclear power plant is located in which country?

- A. Russia
- B. Israel
- C. Ukraine
- D. Iraq



- ✓ **Every April 26th marks the International Chernobyl Disaster Remembrance Day, honoring the victims of the catastrophic event. On April 26, 1986, the Chernobyl Nuclear Power Plant explosion in Ukraine released a massive radioactive cloud, exposing around 8.4 million people to harmful radiation. The day serves to raise awareness of the disaster's consequences and the ongoing impact on affected communities worldwide.**

7. Recently, which Central Public Sector Enterprise secured a Green Loan of Japanese Yen (JPY) 60.536 billion for sustainable projects in India?

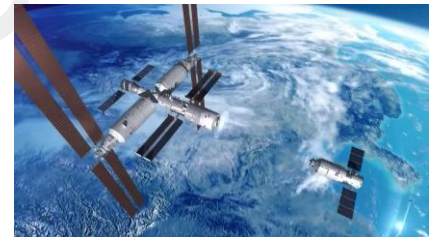
- A. Rural Electrification Corporation Ltd (REC)
- B. Heavy Engineering Corporation Ltd (HEC)
- C. Bharat Heavy Electricals Ltd (BHEL)
- D. HMT Ltd (HMTL)



- ✓ Rural Electrification Corporation Ltd (REC) obtained a Green Loan of Japanese Yen (JPY) 60.536 billion for sustainable initiatives in India. The Italian Export Credit Agency, SACE, backed the loan with an 80% guarantee as part of its Push Strategy program. Targeting renewable energy, green mobility, and energy efficiency projects, it marks SACE's inaugural JPY-denominated loan and their first green loan in India. This move aligns with the growing trend towards green financing, fostering environmental sustainability.

8. Recently, which country successfully launched Shenzhou-18 spacecraft to its Space Station?

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



- ✓ China launched a three-member crew to its Tiangong space station from the Jiuquan Satellite Launch Center atop a Long March 2-F rocket. The Shenzhou-18 crew will spend approximately six months on the station, conducting scientific tests, installing space debris protection equipment, and promoting science education. China aims to put astronauts on the moon by 2030, becoming the third nation to do so after the Soviet Union and the US.

9. Recently, which organization released the 2024 Global Education Monitoring Report namely "Gender report – Technology on her terms" in France?

- A. UNDP
- B. IMF
- C. UNESCO
- D. UNICEF



- ✓ The United Nations Educational, Scientific and Cultural Organization (UNESCO) published the 2024 Global Education Monitoring Report: Gender report – Technology on her terms in France in 2024. The report examines the impact of technology on girls' education opportunities and future technological development. It highlights ICT's potential to overcome educational barriers for girls, citing the M-shule platform in Kenya.

10. Recently, which space organization successfully launched its Advanced Composite Solar Sail System spacecraft from New Zealand?

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



- ✓ **NASA recently launched a space mission from New Zealand, deploying the Advanced Composite Solar Sail System spacecraft aboard Rocket Lab's Electron rocket. The spacecraft utilizes solar energy for propulsion, orbiting 1,000 kilometers above Earth with an 80 square meter sail. Key objectives include demonstrating solar sail effectiveness and maneuverability.**

11. Recently, who secured a gold medal in women's 10m Air Rifle at World Shooting Para Sport tournament in Changwon, Korea?

- A. Esha Singh
- B. Avani Lekhara
- C. Mona Aggarwal
- D. Sift Kaur Sharma



- ✓ **Indian para-shooter Mona Aggarwal clinched gold in women's 10m air rifle, while Army man Amir Ahmed Bhatt secured silver in 25m pistol at the World Shooting Para Sport tournament in Changwon, Korea. Mona, 37, claimed the R2-10m air rifle standing SH1 gold with a score of 250.8, her second World Cup title of the year. Slovakia's Verónica Vadovicova won silver and Swedish shooter Anna Benson took bronze.**

12. Project Nilgiri Tahr is an initiative launched by which state government?

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



- ✓ **The International Union for Conservation of Nature (IUCN) will join the three-day synchronised Nilgiri Tahr census as a third-party observer. This census, starting April 29, is the first-ever synchronised effort to estimate the Nilgiri Tahr population. Collaborators include WWF-India, WII, and AIWC. Project Nilgiri Tahr, launched by the Tamil Nadu government, spans 2022-2027, aiming to safeguard the species and ensure its survival.**

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<https://wp.me/p7JanY-ag8>

1. Alagar Temple is located in which district of Tamil Nadu?

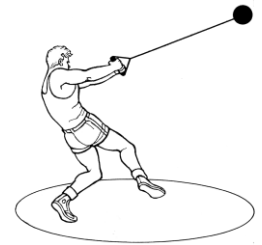
- A. Madurai
- B. Theni
- C. Dindigul
- D. Tenkasi



- ✓ The conclusion of the Chithirai festival was signified by the return procession of Lord Kallazhagar from the Vaigai river. Alagar Temple, situated at the foothills of Alagar hills in Madurai, Tamil Nadu, is one of Lord Vishnu's 108 abodes, revered as Kallazhagar. It boasts six corridors within fort walls and is referenced in Tamil epic Silappadikaram and Alvars' hymns. The temple's mandapam pillars showcase Nayaka art style.

2. Harshit Kumar, who recently won a gold medal in the 21st U-20 Asian Athletics Championship 2024, belongs to which sports?

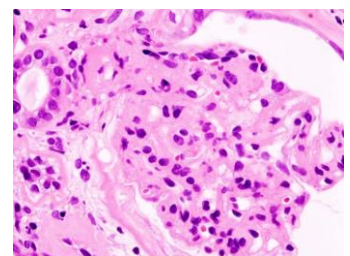
- A. Javelin throw
- B. Hammer throw
- C. Tennis
- D. Chess



- ✓ Indian athletes dominated the 21st U-20 Asian Athletics Championship 2024, earning 18 medals. Harshit Kumar clinched gold in the Hammer throw, while Ritik secured silver in men's discus throw. Laxita Sandilea took silver in the 800m race. The mixed relay team won silver, and Shreeya Rajesh grabbed bronze in the women's 400m hurdles. Prateek also secured bronze in the hammer throw event.

3. What is nephrotic syndrome?

- A. A skin disorder
- B. A kidney disorder causing excessive protein in urine
- C. A respiratory condition
- D. A neurological disorder



- ✓ Regular use of fairness creams has been linked to nephrotic syndrome by Kerala researchers. Nephrotic syndrome is a kidney disorder causing excessive protein in urine due to glomeruli inflammation. Healthy kidneys filter waste but inflamed glomeruli leak protein into urine. It's not a specific kidney disease but can result from various conditions damaging kidney filters.

4. National Institute for the Empowerment of Persons with Intellectual Disabilities (NIEPID) functions under which ministry?

- A. Ministry of Women & Child Development
- B. Ministry of Social Justice & Empowerment
- C. Ministry of Home Affairs
- D. Ministry of Agriculture



- ✓ The Union government plans to introduce a new test developed by the National Institute for the Empowerment of Persons with Intellectual Disabilities (NIEPID) to diagnose specific learning disabilities (SLDs) in Indian adults. NIEPID, established in 1984, operates under the Ministry of Social Justice & Empowerment, focusing on services for individuals with intellectual disabilities. With headquarters in Secunderabad, Telangana, it offers training, research, and rehabilitation services nationwide.

5. According to UNCTAD report, what was the growth rate of the Indian Service Sector export in 2023?

- A. 11.4%
- B. 9.2%
- C. 8.1%
- D. 10.7%



- ✓ In 2023, Indian service sector exports surged by 11.4% to \$345 billion, while Chinese service exports fell by 10.1% to \$381 billion, as per a UNCTAD report. India's service imports slightly decreased by 0.4% to \$248 billion. India ranks 7th globally in service exports, with the US leading. Additionally, India stood as the 9th largest service-importing country. The US and China hold top positions as service importers, according to UNCTAD.

6. Recently, where was the meeting of Defense Ministers of Shanghai Cooperation Organization (SCO) held?

- A. New Delhi, India
- B. Astana, Kazakhstan
- C. Beijing, China
- D. Tehran, Iran



- ✓ Defense Secretary Giridhar Armane participated in the Shanghai Cooperation Organization (SCO) Defence Ministers meeting in Astana, Kazakhstan on April 26, 2024. All member states' defense ministers signed a protocol. They endorsed the concept of 'One Earth, One Family, One Future', echoing the Indian philosophy of 'Vasudhaiva Kutumbakam'.

7. Patenting Trends in India report, recently released by which organization?

- A. NASSCOM
- B. CSIR
- C. IRDAI
- D. Ministry of Finance

nasscom

- ✓ **NASSCOM's recent release, the Patenting Trends in India report, coincided with World Intellectual Property Day. Celebrated annually on April 26, the day aims to highlight the importance of Intellectual Property rights in fostering innovation and creativity. Established in 2000 by WIPO, this year's theme is 'IP and the SDGs: Building Our Common Future with Innovation & Creativity'.**

8. Recently, which state government's food safety department has imposed a ban on using Liquid Nitrogen in food items?

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



- ✓ **The commissioner of food safety in Tamil Nadu has instructed officials to oversee the use of liquid nitrogen in food items and enforce the Food Safety and Standards Act, 2006. Liquid nitrogen, an inert, colorless, extremely cold element with a boiling point of -320°F (-196°C), poses health risks including frostbite-like injuries, organ damage, and potential perforation. It's utilized to rapidly cool and freeze food in various industrial processes.**

9. What is 'Bambi Bucket'?

- A. Aerial firefighting tool
- B. Traditional Irrigation Technique
- C. Earth Observation Satellite
- D. Black hole



- ✓ **The Indian Air Force deployed MI 17 V5 helicopters equipped with Bambi Buckets to combat forest fires in Nainital. The Bambi Bucket, also known as a helicopter bucket, is a specialized firefighting tool used since the 1980s. It's suspended under the chopper and filled from rivers or ponds, releasing water via a pilot-controlled valve. Its features include quick filling, storage within the helicopter, and precise water discharge, aiding in combating inaccessible wildfires.**

10. According to recent data from the Reserve Bank of India, what was India's net household savings rate for the fiscal year 2023?

- A. 4.5%
- B. 5.3%
- C. 6.7%
- D. 7.1%

%

- ✓ Recent data from the Reserve Bank of India shows India's net household savings hit a 47-year low at 5.3% of GDP in 2023, dropping from 7.3% in 2022. Simultaneously, household debt surged to 5.8% of GDP, the second-highest since the 1970s. The Household Saving Rate is the proportion of disposable income saved rather than spent, encompassing financial assets, physical assets, and precious metals like gold and silver ornaments.

11. Recently, who has been named as the regional winner for the Middle East and North Africa (MENA) in the 2024 Cambridge Dedicated Teacher Awards?

- A. Gina Justus
- B. Revathi Advaiti
- C. Supriya Sahu
- D. Mridula Garg



- ✓ Gina Justus, a teacher at English High School, Sharjah Girls' Branch, UAE, wins the MENA region in the 2024 Cambridge Dedicated Teacher Awards. Hailing from Thiruvananthapuram, Kerala, she's worked in the UAE since 2005. Recognized for mentorship and charity work, she stood out among 14,840 nominations from 141 countries. The awards honor primary and secondary educators globally.

12. Recently, which former Indian cricketer has been appointed as the ambassador of ICC Men's T20 World Cup 2024?

- A. Yuvraj Singh
- B. Harbhajan Singh
- C. Suresh Raina
- D. Irfan Pathan



- ✓ Yuvraj Singh, famed Indian cricketer, is named ambassador for ICC Men's T20 World Cup 2024, starting in 36 days. Renowned for hitting six sixes in an over during India's 2007 victory, he joins Chris Gayle and Usain Bolt as ambassadors. Bolt, Jamaican sprinter and eight-time Olympic gold medalist, adds to the event's excitement. Singh, 42, played a pivotal role in India's 2007 win and will participate in pre-tournament promotions for the 10-team event starting June 1.

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1. What is the theme of World Veterinary Day 2024?

- A. Value of Vaccination
- B. Veterinarians are essential health workers
- C. Promoting Diversity, Equity, and Inclusiveness in the Veterinary Profession
- D. Environmental protection for improving animal and human health



- ✓ **World Veterinary Day annually celebrates veterinarians' contributions globally, emphasizing their role in public health and animal welfare. Observed on the last Saturday of April, World Veterinary Day raises awareness of veterinarians' vital role in maintaining both animal and human health. In 2024, celebrated on April 27, the theme is "Veterinarians are Essential Health Workers".**
-

2. Recently, which country won the gold medal in the Archery World Cup in the men's recurve event?

- A. India
- B. South Korea
- C. Malaysia
- D. Indonesia



- ✓ **India's men's recurve team clinched a historic gold at the Archery World Cup Stage-1 by defeating South Korea, breaking a 14-year gold drought. The triumphant trio – Dhiraj Bommadevara, Tarundeep Rai, and Pravin Jadhav – beat South Korea's world-champion squad 5-1. This marked India's highest-ever medal tally in an Archery World Cup, with 8 medals, including 5 golds, 2 silvers, and 1 bronze. India sent a 16-member squad, featuring 8 men and 8 women, to Shanghai.**
-

3. What is a green taxonomy?

- A. A system for categorizing environmentally friendly investments
- B. A framework for classifying financial assets based on their color
- C. A method for organizing government budgets related to environmental projects
- D. A type of plant species found in tropical rainforests

- ✓ **The RBI and Finance Ministry could draw from ASEAN's evolving green taxonomy for sustainable trajectories. Green taxonomy defines environmentally sound investments, aiding in preventing greenwashing and guiding informed investment decisions. It channels funds toward sustainable economic activities, encompassing climate mitigation, adaptation, and biodiversity conservation.**
-

4. Raja Ravi Varma was associated with which field?

- A. Sports
- B. Medicine
- C. Music
- D. Painting and art



- ✓ The first true copy of Raja Ravi Varma's painting "Indulekha" will be revealed at Kilimanoor Palace, Kerala, on his 176th birth anniversary. Varma, born in 1848, was a renowned Indian painter, famous for merging European techniques with Indian themes. He created around 7,000 paintings, blending Hindu mythology with Western composition. Varma's notable works include "Damayanti Talking to a Swan" and "Shakuntala Looking for Dushyanta."

5. Recently, where was the 'Critical Minerals Summit 2024' held?

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



- ✓ The Ministry of Mines, along with partners Shakti Sustainable Energy Foundation, CEEW, and IISD, hosted the "Critical Minerals Summit: Enhancing Beneficiation and Processing Capabilities" in New Delhi from April 29th-30th, 2024. Aimed at bolstering India's critical mineral supply chain, the summit convenes stakeholders from industry, government, academia, and startups. Key topics include mineral auction progress and sustainable solutions. Technical sessions focus on eight key minerals crucial for clean energy technologies and electric vehicles.

6. Recently, which trade association has launched a corporate governance charter for startups?

- A. India Trade Promotion Organization (ITPO)
- B. Confederation of Indian Industry (CII)
- C. ASSOCHAM
- D. Federation of Indian Chambers of Commerce and Industry (FICCI)



- ✓ Confederation of Indian Industry (CII) releases Corporate Governance Charter for Startups, emphasizing principles like Transparency and Fairness. Aimed at guiding startups towards stability and success, it addresses governance failures seen in high-profile cases like BharatPe and GoMechanic. The charter, applicable to startups under the Companies Act 2013, outlines guidelines for different stages.

7. Which state's education department recently released the 'Guidelines for Elimination of Corporal Punishment (GECP)'?

- A. Tamil Nadu
- B. Telangana
- C. Kerala
- D. Meghalaya



- ✓ **Tamil Nadu issues Guidelines for Elimination of Corporal Punishment in Schools (GECP) to foster safe environments for students, as per Right to Education Act, 2009. The GECP issued jointly by Directors of School and Elementary Education, aims to prevent physical and mental harm and discrimination. It includes awareness camps on National Commission for Protection of Child Rights (NCPCR) guidelines. Measures include prompt complaint redressal and forming monitoring committees at schools.**

8. Recently, which Indian has been selected for the 'Goldman Environmental Prize 2024'?

- A. Rajendra Singh
- B. Tulsi Gowda
- C. Alok Shukla
- D. Ramesh Agrawal



- ✓ **Chhattisgarh's Alok Shukla, environmental activist, wins 2024 Goldman Environmental Prize for grassroots efforts. Known as "Green Nobel Prize," it honors his work in preserving Hasdeo Arand Forest, vital for Chhattisgarh's ecosystem. Facing coal mining threats, Shukla rallied local tribes, pressuring the government to cancel auctions of 21 coal mines in 2022. His organization, Hasdeo Aranya Bachao Sangharsh Samiti, champions environmental protection in the region.**

9. What is INS Vikrant?

- A. Submarine
- B. Aircraft carrier
- C. Tankers
- D. Frigates



- ✓ **The Indian Navy recently showcased twin carrier operations with its two aircraft carriers: INS Vikramaditya and INS Vikrant. India operates these carriers, with INS Vikrant being the first aircraft carrier purchased from the UK, active since the 1960s. INS Viraat, India's second carrier, was originally HMS Hermes. INS Vikramaditya, formerly Russia's Admiral Gorshkov, joined the Indian Navy in 2013, marking India's third carrier.**

10. Which organization recently released a satellite-data-based analysis on the expansion of glacial lakes in the catchments of Indian Himalayan river basins?

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



- ✓ The Indian Space Research Organisation (ISRO) recently released a satellite-data-based analysis on the expansion of glacial lakes in the catchments of Indian Himalayan River basins. The analysis uses long-term satellite imagery from 1984 to 2023 to show significant changes in the lakes. According to ISRO, 676 of the 2,431 lakes larger than 10 hectares identified in 2016-17 have expanded significantly since 1984. The analysis highlights the risks of glacial lake outburst floods (GLOFs) and their impact on infrastructure and settlements downstream of such lakes.

11. Which country's parliament recently passed a law criminalizing same-sex relationships?

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



- ✓ Iraq's parliament recently passed a law criminalizing same-sex relationships, imposing up to 15 years in prison for such acts. Promoting homosexuality or prostitution can lead to a minimum of seven years behind bars. Additionally, changing one's biological gender or dressing in an effeminate manner can result in one to three years of imprisonment. The legislation was supported by conservative Shi'ite Muslim parties, aiming to uphold religious values and protect Iraqi society from moral decay.

12. Recently, Bru community participated in Lok Sabha elections for the first time as voters from which state?

- A. Mizoram
- B. Tripura
- C. Nagaland
- D. Karnataka



- ✓ In 2024, the Bru community, indigenous to Northeast India, voted for the first time in Tripura's Lok Sabha elections. Predominantly residing in Tripura, Mizoram, and Assam, they hold Particularly Vulnerable Tribal Group status. Ethnically Indo-Mongoloid, they belong to the Austro-Asiatic linguistic groups.

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