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FIRST WEEK CURRENT AFFAIRS



JUNE 2024

JUNE 01-07

1. What is the theme of 'World No Tobacco Day 2024'?

- A. Threat to our environment
- B. Grow food, not tobacco
- C. Protecting Children From Tobacco Industry Interference
- D. Commit to Quit



- ✓ **Observed annually on May 31st, World No Tobacco Day 2024 focuses on "Protecting Children From Tobacco Industry Interference." The theme aims to safeguard young people from the harmful effects of tobacco and calls on the industry to cease targeting the youth with detrimental products.**

2. What is the primary aim of the Red Flag 24 exercise, recently held in Alaska?

- A. To conduct ground-based military operations
- B. To integrate aircrew in a multinational environment through advanced aerial combat training
- C. To train naval forces for maritime security
- D. To provide humanitarian aid and disaster relief training

- ✓ **An Indian Air Force (IAF) contingent arrived at Eielson Air Force Base, Alaska, for the Red Flag 24 exercise, deploying Rafale fighter jets. Red Flag 24, a two-week advanced aerial combat training exercise, integrates multinational aircrews in realistic scenarios. Approximately 3100 service members and over 100 aircraft participate, using 77,000 square miles of airspace in the Joint Pacific Alaska Range Complex. This exercise has occurred since 1975.**

3. Which organization recently released the 'Global food policy report 2024'?

- A. World Bank
- B. Centre for International Forestry Research (CIFOR)
- C. International Food Policy Research Institute (IFPRI)
- D. International Labour Organization (ILO)



- ✓ **The Global Food Policy Report 2024 by IFPRI reveals that 38% of Indians consume unhealthy foods, while only 28% eat all five recommended food groups. Malnutrition in India rose from 15.4% in 2011 to 16.6% in 2021. Adult overweight prevalence increased from 12.9% in 2006 to 16.4% in 2016. Processed food consumption is growing, with packaged foods' share in household budgets nearly doubling to 12%.**

4. Which organization recently released the report titled 'Hooking the next generation: how the tobacco industry captures young customers'?

- A. World Bank
- B. UNEP
- C. ILO
- D. World Health Organization (WHO)



- ✓ The WHO and STOP released the "Hooking the Next Generation: How the Tobacco Industry Captures Young Customers" report on World No Tobacco Day, May 31. Key findings include that 37 million children aged 13-15 use tobacco globally, and 85% of 15-30-year-olds were exposed to e-cigarette ads. E-cigarettes produce nicotine-laden aerosol, an addictive substance.

5. Recently, which country launched the Multi-Mission Communication Satellite (PAKSAT MM1)?

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



- ✓ Pakistan launched the Multi-Mission Communication Satellite (PAKSAT MM1) from China's Xichang Satellite Launch Center, part of Pakistan's National Space Programme 2047. The satellite aims to enhance internet connectivity, TV broadcasts, cellular phones, broadband, e-commerce, and e-governance in Pakistan. Recently, Pakistan also launched the mini satellite 'iCube-Qamar' with China's Chang'e-6 lunar mission. Previous space assets include BADR-A, BADR-B, PAKSAT 1-R, PRSS-1, PakTes 1-A, and iCube-Qamar.

6. Which institution recently released framework for Self-Regulatory Organisations (SROs) for fintech sector?

- A. Reserve Bank of India
- B. SEBI
- C. IRDAI
- D. NABARD



- ✓ The Reserve Bank of India (RBI) introduced the framework for recognizing self-regulatory organizations in the financial technology sector (SRO-FT). SROs act as intermediaries between industry players and regulators, setting standards for conduct and promoting ethical practices. India boasts the world's third-largest fintech ecosystem, with significant global funding. The Indian fintech industry was valued at \$50 billion in 2021, expected to reach around \$150 billion by 2025. India also accounted for 46% of global real-time transactions in 2022.

7. Which organization recently launched the India's first Electric Vehicle (EV) index?

- A. Bombay Stock Exchange (BSE)
- B. National Stock Exchange (NSE)
- C. SEBI
- D. Madras Stock Exchange (MSE)



- ✓ The National Stock Exchange of India Indices introduces India's inaugural Electric Vehicle (EV) index, named Nifty EV & New Age Automotive Index. It monitors companies within the EV ecosystem and those developing new-age automotive technologies. Launched with a base date of April 2, 2018, and a value of 1000, it includes stocks from the Nifty 500.

8. What is the main objective of the Daksha project?

- A. Studying Black holes
- B. Analyzing the atmosphere of Mars
- C. Investigating explosive astrophysical sources like gamma-ray bursts
- D. Exploring the moon's surface



- ✓ The Daksha project plans to construct two high-energy space telescopes targeting gamma-ray bursts (GRBs) and gravitational wave sources' electromagnetic counterparts. Each telescope will detect energy from 1 keV to over 1 MeV. Positioned on opposite sides of Earth, they promise superior coverage compared to existing missions, anticipating the discovery of thousands of GRBs and dozens of high-energy binary neutron star mergers over a five-year mission. Other missions include Astrosat, Fermi Gamma-ray Space Telescope, and Swift Observatory.

9. Recently, which medical institution has won the 2024 Nelson Mandela Award for Health Promotion by WHO?

- A. NIMHANS, Bengaluru
- B. KGMU, Lucknow
- C. AIIMS, Delhi
- D. CMC, Vellore



- ✓ The National Institute of Mental Health & Neuro Sciences (NIMHANS) in Bengaluru received the 2024 Nelson Mandela Award for Health Promotion from WHO. This award, established in 2019, honors significant contributions to health promotion. Union Health Minister Dr. Mansukh Mandaviya and Union Health Secretary Shri Apurva Chandra congratulated NIMHANS.

10. According to the provisional estimate of the National Statistical Organisation (NSO), what was the growth rate of Indian economy in 2023-24?

- A. 7.6%
- B. 8.2%
- C. 6.6%
- D. 5.1%



- ✓ According to the National Statistical Organisation (NSO), India's GDP grew by 8.2% in FY 2023-24, surpassing the Reserve Bank of India's estimate of 7.6%. This marks the ninth time since 1960-61 that GDP growth exceeded 8%. The high growth rate was driven by a strong performance in Q4 (January-March 2024), with a 7.8% increase compared to the same period in 2023.

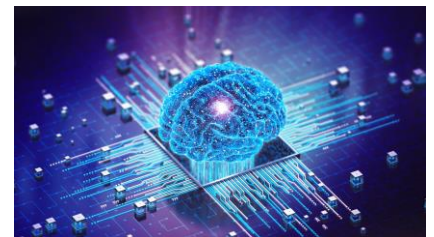
11. Recently, which organizations jointly launched 'BIMReN initiative' for PhD students?

- A. Ministry of Earth Sciences and Indian Ocean Rim Association
- B. Ministry of External Affairs and Bay of Bengal Programme-Inter Governmental Organization
- C. Ministry of Science and Technology and BIMSTEC Secretariat
- D. Ministry of Environment, Forest and Climate Change and SAARC

- ✓ The Indian government launched BIMReN (BIMSTEC-India Marine Research Network) with MEA and BOBP-IGO to boost blue economy development. BIMReN supports PhD students from BIMSTEC countries to conduct research in India through Split-Site Doctoral Fellowships, offering up to INR 1 million and 6-12 months at Indian labs. It also promotes Twinning Research Projects with grants up to INR 5 million for 24-month regional collaborations.

12. Recently, which state has introduced Artificial Intelligence (AI) learning in the Class 7 ICT textbooks?

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



- ✓ Kerala introduces AI learning in Class 7 ICT textbooks, pioneering a move to educate over 4 lakh students about Artificial Intelligence. The initiative aims to enhance technological education, familiarizing students with AI concepts from a young age. This forward-looking step reflects Kerala's commitment to modernizing its education system and preparing students for future technological advancements.

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

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



- ✓ **World Milk Day, observed annually on June 1, emphasizes dairy's role in global nutrition. Established in 2001 by the FAO, it celebrates milk as a vital food source and the dairy sector. Milk consumption dates back to the Neolithic age, evolving into a significant part of many cultures and religious traditions.**

2. Recently, which Indian peacekeeper honoured posthumously with UN's Dag Hammarskjold medal?

- A. Vikram Singh
- B. Naik Dhananjay Kumar Singh
- C. Ram Vishnoi
- D. Jeet Sinha



- ✓ **Naik Dhananjay Kumar Singh, a UN peacekeeper serving in Congo, was posthumously awarded the Dag Hammarskjold medal during the UN's International Day of Peacekeepers. The medal, established in 1997, honors peacekeepers who sacrificed their lives under the UN's authority. Named after Dag Hammarskjöld, it's awarded annually to nations losing peacekeepers.**

3. Purana Qila was built on the banks of which river?

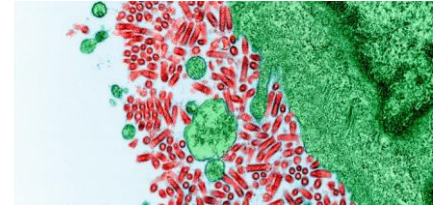
- A. Ganges
- B. Yamuna
- C. Indus
- D. Saraswati



- ✓ **Recently, Purana Qila was handed over to the Sabhyata Foundation of the Dalmia Group under the 'Adopt a Heritage' scheme by the Ministry of Tourism. Located in New Delhi, it's one of the oldest forts built on the banks of the Yamuna River, also known as Qila-e-Kohna. Built under Humayun and Sher Shah Suri, it reflects a blend of Islamic and Hindu architecture. The rectangular fort boasts three gates, notably the Bara Darwaza, combining Islamic and Hindu elements.**

4. Recently, which state/UT has declared human rabies a notifiable disease under the Epidemic Diseases Act of 1897?

- A. Lakshadweep
- B. Jammu and Kashmir
- C. Sikkim
- D. Nagaland



- ✓ The government of Jammu and Kashmir has designated human rabies as a notifiable disease under the Epidemic Diseases Act of 1897. Rabies, caused by the RABV virus, is a fatal viral disease affecting the central nervous system.
- ✓ It primarily spreads through the saliva of infected animals, with domestic dogs being the main transmitters. Rabies poses a significant threat, especially in Asia and Africa, disproportionately affecting marginalized communities and remains a neglected tropical disease.

5. Which state recently hosted 'Outlook Planet Sustainability Summit & Awards 2024'?

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



- ✓ Goa recently hosted the inaugural Outlook Planet Sustainability Summit & Awards 2024 for Central Public Sector Enterprises (CPSEs). Organized by Outlook Media Group, with BDO India as Awards Process Advisor and IIT Goa as Knowledge Partner, the event gathered policymakers and CPSE top management to discuss sustainability initiatives. REC Limited was honored with the "Sustainability Champion—Editor's Choice Award," and Power Finance Corporation (PFC) Limited received the Corporate Social Responsibility award in the Non-Fossil Fuel category.

6. Recently, which ministry launched implementation Manual of Tobacco Free Educational Institutions (ToFEI) on World No Tobacco Day, 2024?

- A. Ministry of Education
- B. Ministry of Health and Family Welfare
- C. Ministry of Environment, Forest and Climate Change
- D. Ministry of Agriculture



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

सत्यमेव जयते

- ✓ The Department of School Education & Literacy, Ministry of Education, launched the Implementation Manual of Tobacco-Free Educational Institutions on World No Tobacco Day 2024 in New Delhi, in collaboration with SEEDS. Aligned with this year's theme, "Protecting children from tobacco industry interference," the manual aims to help schools implement ToFEI guidelines issued by the Ministry of Health and Family Welfare.

7. Pampa Lake is located in which state?

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



- ✓ A team from the Karnataka State Department of Archaeology Museums and Heritage has discovered rock shelter paintings estimated to be 2,500 years old near Pampa Lake in the Hampi World Heritage Area. Pampa Lake, located in Karnataka's Koppal district near Hampi, is one of the five sacred lakes in Hindu mythology. Surrounded by hills and temples, it holds cultural and religious significance, featuring prominently in Hindu epics like the Ramayana.

8. Parapatrechina neela belongs to which species?

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



- ✓ Indian researchers have recently uncovered a new ant species, Parapatrechina neela, in Arunachal Pradesh's remote Siang Valley. Belonging to the rare genus Parapatrechina, this species is distinguished by its metallic blue color, reflected in its name "neela," meaning blue in many Indian languages. It marks the first discovery of a new Parapatrechina species in 121 years.

9. Recently, ISRO collaborated with which company for sustainable space exploration through additive manufacturing?

- A. Wipro 3D
- B. Skyroot aerospace
- C. Google 3D
- D. IBM



- ✓ Wipro 3D and ISRO have successfully 3D-printed the PS4 rocket engine for the PSLV's 4th stage, marking a significant advancement in space technology. Dr V Narayanan of ISRO praised this achievement. The PS4 stage's advanced navigation and control systems enable precise orbital placements for various satellite missions. The collaboration utilized Design for Additive Manufacturing (DfAM) and Laser Powder Bed Fusion (LPBF) technology, streamlining production and improving structural integrity.

10. According to recent government data, India got highest FDI from which country in 2023-24?

- A. Mauritius
- B. Singapore
- C. Vietnam
- D. China



- ✓ In 2023-24, India received the highest foreign direct investment (FDI) from Singapore, amounting to \$11.77 billion despite a 31.55% decline, according to government data. Overall, FDI into India contracted by about 3.5% due to global economic uncertainties. However, Singapore remained the top source of FDI for India during this period.

11. Recently, which research institute has developed a way of generating non-infectious Nipah virus-like particles (VLPs) in the laboratory?

- A. Central Drug Research Institute
- B. Institute of Genomics and Integrative Biology
- C. Institute of Advanced Virology
- D. Raman Research Institute



- ✓ Scientists at the Institute of Advanced Virology, Thiruvananthapuram, developed non-infectious Nipah virus-like particles (VLPs). VLPs resemble viruses but lack genetic material, making them non-infectious. They effectively create vaccines for diseases like HPV, hepatitis B, and malaria by triggering an immune response without causing symptoms. VLPs, sized 20-200 nm, enter lymph nodes to activate the immune system, offering immunity against the actual virus.

12. Dinesh Karthik, who recently announced his retirement, belongs to which sports?

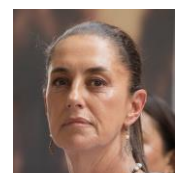
- A. Cricket
- B. Football
- C. Basketball
- D. Hockey



- ✓ Dinesh Karthik, the veteran wicketkeeper-batter, announced his retirement from all forms of cricket after an emotional farewell from Royal Challengers Bengaluru in the IPL. His international career spanned 180 games across all formats, amassing 3463 runs with one Test hundred and 17 half-centuries. As a wicketkeeper, he recorded 172 dismissals.

13. Recently, Claudia Sheinbaum has been elected as the first woman President of which country?

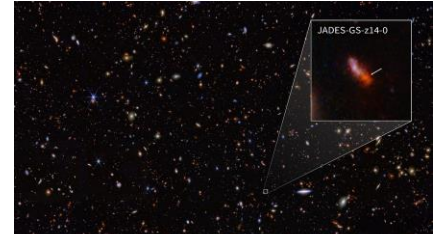
- A. Malaysia
- B. Thailand
- C. Singapore
- D. Mexico



- ✓ Claudia Shienbaum has been elected as Mexico's first woman president. With a decisive lead confirmed by the election commission, she received congratulations from her mentor, President Andrés Manuel López Obrador. The elections on June 2, 2024, also included over 20,000 political positions. Shienbaum will be sworn in on October 1, 2024.

14. What is 'JADES-GS-z14-0'?

- A. Galaxy
- B. Submarine
- C. Aircraft
- D. Invasive Plant



- ✓ The James Webb Space Telescope set a new record by detecting the galaxy JADES-GS-z14-0, observed as it was 290 million years after the Big Bang. This surpasses the previous record of 325 million years. The galaxy's unexpected brightness suggests rapid star formation or more luminous early stars. Webb's observation of significant oxygen indicates the galaxy's advanced maturity despite its young age.

15. Recently, how much gold did RBI allocate from the UK to domestic vaults in FY24?

- A. 50 metric tonnes
- B. 100 metric tonnes
- C. 150 metric tonnes
- D. 200 metric tonnes



- ✓ In FY24, RBI relocated 100 metric tonnes of gold from the U.K. to Indian vaults in Mumbai and Nagpur. India's gold reserves surged to 822 metric tonnes, with nearly 50% now stored domestically. RBI's banknotes are secured by assets like gold, Government Securities, and Foreign Currency Assets, as per the RBI Act, 1934. The recent geopolitical tensions emphasized risks of storing gold abroad.

16. What is 'Tmesipteris oblancoolata'?

- A. Fork fern
- B. Fish
- C. Asteroid
- D. Spider



- ✓ New research reveals Tmesipteris oblancoolata, a fork fern species, boasts the largest genome known. A genome encompasses an organism's complete genetic information. This fern contains 160 billion base pairs, surpassing the human genome by over 50 times. Belonging to an ancient plant group predating dinosaur, it's exclusive to New Caledonia and nearby Pacific islands, thriving in rainforest canopies.

17. Which tiger reserve of Maharashtra recently reported the first photographic record of the 'spot-bellied eagle owl'?

- A. Tadoba Tiger Reserve
- B. Pench Tiger Reserve
- C. Koyna Tiger Reserve
- D. Umred Karhandla Sanctuary



- ✓ **Pench Tiger Reserve in Maharashtra recently documented the first photograph of a spot-bellied eagle-owl, *Ketupa nipalensis*. This large bird of prey inhabits diverse environments like forests and savannas across India, Sri Lanka, and Southeast Asia.**
- ✓ **Recognizable by its rich brown coloration and striking white-spotted pattern, it's a nocturnal apex predator feeding on various prey. Classified as Least Concern by IUCN, it comes protection under India's Wildlife (Protection) Act, 1972.**

18. Recently, which Indian shuttler won the title at Bonn International tournament?

- A. Aakarshi Kashyap
- B. Ashmita Chaliha
- C. P V Sindhu
- D. Tanvi Sharma



- ✓ **Tanvi Sharma, a promising Indian badminton player, secured victory in the Bonn International tournament by defeating Wang Pei Yu of Chinese Taipei in straight sets. The contest lasted just over half an hour, with Tanvi claiming a 21-19 22-20 win. Ranked 181st globally, the 15-year-old from Punjab showcased her skill, notably overcoming a deficit in the final set.**

19. Recently, NASA collaborated with which space agency to develop a standardized time system for the moon?

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



- ✓ **NASA and the European Space Agency (ESA) are collaborating to create a standardized lunar time system for the Artemis program, which aims to return humans to the moon. This initiative addresses the need for unified timekeeping to coordinate international and private lunar missions. With upcoming missions from China, India, and private companies, a common lunar time system is essential for successful operation and coordination.**

20. Which space organization recently developed Computational Fluid Dynamics (CFD) software named 'PraVaHa'?

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



- ✓ The Indian Space Research Organisation (ISRO) developed PraVaHa, a Computational Fluid Dynamics (CFD) software, at the Vikram Sarabhai Space Centre. Parallel RANS Solver for Aerospace Vehicle Aero-thermo-dynamic Analysis (PraVaHa) simulates airflow for launch vehicles, crucial for designing their shape, structure, and thermal protection systems. It is used in the Gaganyaan program for analyzing human-rated launch vehicles.

21. Department of Higher Education recently signed an MoU with which organization for creating the Digital Library Platform, Rashtriya e-Pustakalaya?

- A. Central Board of Secondary Education
- B. National Book Trust
- C. National Library Association
- D. Ministry of Culture



- ✓ The Department of School Education and the National Book Trust signed an MoU in New Delhi to create the Rashtriya e-Pustakalaya, a 24/7 Digital Library Platform. Secretary K. Sanjay Murthy highlighted its potential to enhance book accessibility and address library reach issues in many states. He anticipates that in 2-3 years, the platform will feature over 10,000 books in more than 100 languages.

22. What is the primary objective of the 'Phenome India project'?

- A. To study the genetic diversity of India
- B. To develop India-specific risk prediction models for cardio-metabolic diseases
- C. To promote traditional Indian medicine
- D. To conduct clinical trials for new drugs



- ✓ Recently, CSIR concluded the first phase of its Phenome India project and hosted the Phenome India Unboxing 1.0 event. Launched on December 7, 2023, Phenome India aims to develop India-specific risk prediction models for cardio-metabolic diseases. It is the first pan-India longitudinal health study, involving nearly 10,000 participants from 17 states and 24 cities, collecting comprehensive health data including clinical, lifestyle, and biochemical information.

23. Recently, where was the World Summit on the Information Society (WSIS) held?

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



- ✓ India participated in the International Telecommunication Union's (ITU) World Summit on the Information Society (WSIS)+20 Forum High-Level Event 2024 in Geneva, Switzerland. The WSIS+20 Forum commemorates 20 years since the WSIS, held in Geneva (2003) and Tunis (2005), and is co-organized by ITU, UNESCO, UNDP, and UNCTAD. Its aim is to address information and communication technology issues through a multi-stakeholder approach, fostering a people-centric, inclusive, and development-oriented Information Society.

24. Which organization has recently commercialised herbicide-tolerant (Ht) basmati rice varieties?

- A. Indian Council of Agricultural Research
- B. Council of Scientific and Industrial Research
- C. Ministry of Agriculture
- D. None of the above



- ✓ ICAR has commercialized herbicide-tolerant (Ht) basmati rice varieties for weed control. Direct Seeded Rice (DSR) offers efficient and sustainable cultivation, replacing traditional transplanting. ICAR's non-genetically modified Ht basmati rice allows direct herbicide application. Research suggests hand weeding in DSR enhances yield over herbicides. ICAR advocates eco-friendly weeding for higher seed yield.

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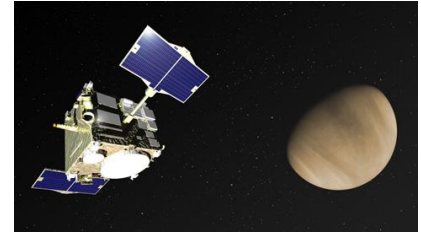
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1. Akatsuki Mission is associated with space agency?

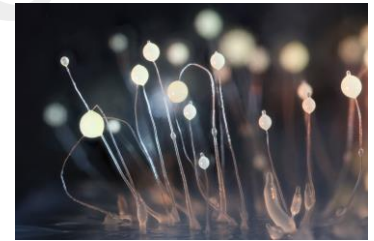
- A. NASA
- B. ISRO
- C. JAXA
- D. ESA



- ✓ The Japan Aerospace Exploration Agency (JAXA) lost contact with Akatsuki, launched in 2010 as Japan's first successful mission to another planet. Akatsuki, in an equatorial orbit around Venus, aimed to study its toxic atmosphere and volcanic surface, weather patterns, lightning, and super-rotation caused by strong winds. It complemented ESA's Venus Express, operational until 2014, using ultraviolet and infrared cameras to globally map clouds and atmospheric structures.

2. What is 'Dictyostelium discoideum'?

- A. Amoeba
- B. Algae
- C. Weed
- D. Drug



- ✓ Scientists discovered that green-beard genes drive natural altruism in the amoeba Dictyostelium discoideum. These genes enable individuals to recognize and cooperate with each other, potentially causing harmful behavior towards those with different gene versions. Altruism in nature involves behavior where an animal acts in a way that may be harmful to itself but benefits others of its species.

3. Which country will host the 81st IATA Annual General Meeting (AGM) and World Air Transport Summit in Delhi, India, on June 8-10, 2025?

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



- ✓ India will host the International Air Transport Association's (IATA) Annual General Meeting (AGM) next year. Established in 1945, IATA represents the global airline industry, advocating for its interests and setting industry standards to enhance safety, efficiency, and sustainability. With 330 member airlines, including leading passenger and cargo carriers, IATA plays a pivotal role in shaping the aviation sector. Headquarters are located in Montreal, Canada.

4. Recently, the central government has approved the establishment of an Indian Institute of Management (IIM) in which district of Assam?

- A. Kamrup
- B. Jorhat
- C. Golaghat
- D. Sonitpur



- ✓ The central government has approved Assam's plan for a new Indian Institute of Management (IIM) in Kamrup district, with IIM Ahmedabad mentoring the project. This decision aims to bolster education and industry in the Northeast, where only one IIM currently exists. Assam's collaboration with IIM Ahmedabad and provision of land underscores its commitment to advancing education and economic growth. The initiative is expected to benefit neighboring states like Nagaland and Arunachal Pradesh.

5. Which day is observed as 'International Day of Innocent Children Victims of Aggression' every year?

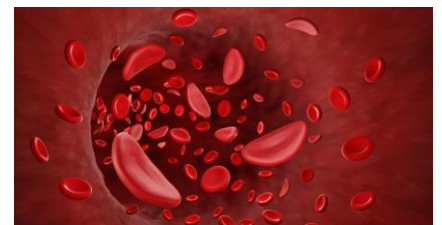
- A. June.03
- B. June.04
- C. June.05
- D. June.06



- ✓ The International Day of Innocent Children Victims of Aggression, observed annually on June 4th, highlights children's suffering worldwide. Established on August 19, 1982, this day focuses on the pain endured by innocent children. The United Nations Office on Drugs and Crime (UNODC), founded in 1997, aims to end violence against children.

6. Hydroxyurea drug is related to which disease?

- A. Dengue
- B. TB
- C. Malaria
- D. Sickle cell anaemia



- ✓ The Indian Council of Medical Research (ICMR) is addressing the significant challenge of sickle cell disease in India, which affects over 20 million people. A major issue is the lack of hydroxyurea formulations suitable for paediatric patients, complicating precise dosing for children.
- ✓ Hydroxyurea, effective in treating sickle cell disease and thalassemia, currently lacks appropriate paediatric versions. To resolve this, ICMR is seeking collaboration for developing and commercializing low-dose paediatric hydroxyurea formulations, aiming to improve treatment protocols for young patients.

7. What is the theme of 'World Environment Day 2024'?

- A. Land restoration, desertification and drought resilience
- B. Beat Plastic Pollution
- C. Ecosystem Restoration
- D. Solution to plastic pollution



- ✓ World Environment Day has been celebrated annually on June 5 since 1973. Millions worldwide participate in its observance. The 2024 theme is 'land restoration, desertification, and drought resilience'.

8. Which country hosted the 'World Environment Day 2024'?

- A. India
- B. China
- C. Saudi Arabia
- D. Russia



- ✓ World Environment Day, celebrated on June 5th annually, promotes environmental awareness and protection. The 2024 celebration, hosted by Saudi Arabia, coincides with the 30th anniversary of the UN Convention to Combat Desertification (UNCCD). Each year features a specific theme addressing current environmental issues. Notably, India hosted the 45th World Environment Day in 2018 with the theme 'Beat Plastic Pollution'.

9. How many medals were won by India at the Taiwan Athletics Open 2024?

- A. 5
- B. 6
- C. 7
- D. 8



- ✓ Indian athletes concluded their campaign at the 2024 Taiwan Athletics Open with a total of seven medals - three golds, three silvers, and one bronze. Notably, DP Manu secured the first gold in javelin throw, and Nayana James clinched another in women's long jump. Ankesh Chaudhary added a gold in men's 800 meters. Somnath Chauhan, Nithya Ramraj and Dev Meena bagged silver medals, while VK Vismaya earned bronze in the women's 400 meters. The event, part of the World Athletics Continental Tour, took place in Taipei.

10. Recently, which country emerged as India's third largest export destination in 2023-24?

- A. Mauritius
- B. The Netherlands
- C. Vietnam
- D. China



- ✓ The Netherlands became India's third largest export destination in 2023-24, following the US and UAE, despite a 3% dip in India's overall merchandise shipments. Key exports to the Netherlands included petroleum products (\$14.29 billion), electrical goods, chemicals, and pharmaceuticals. Consequently, India's trade surplus with the Netherlands rose to \$17.4 billion, up from \$13 billion in 2022-23, according to the Commerce Ministry data.

11. Recently, who received the Hindi Sahitya Bharati Award 2024?

- A. Rameshchandra Shah
- B. Seeni Viswanathan
- C. Krishna Prakash
- D. Sandeep Joshi



- ✓ Krishna Prakash, renowned for leading Mumbai Police's counterterrorism unit, Force One, has received the Annual Hindi Sahitya Bharati Award at Mumbai's Sab Me Ram Shashwat Shri Ram event. Known as a "super cop," Prakash heads the elite Force One and is a two-time Guinness World Record holder.

12. Sathyamangalam Tiger Reserve, recently seen in the news, is located in which state?

- A. Tamil Nadu
- B. Madhya Pradesh
- C. Maharashtra
- D. Odisha



- ✓ The Tamil Nadu Forest Department has initiated a three-day elephant census at Sathyamangalam Tiger Reserve. Located at the Eastern and Western Ghats junction in Erode District, Tamil Nadu, this reserve is part of the Nilgiri Biosphere Reserve. It is contiguous with Mudumalai, Bandipur, and Biligiri Rangaswamy Temple Tiger Reserves, collectively hosting over 280 tigers, the world's largest tiger population. Declared a tiger reserve in 2013, it connects the Eastern and Western Ghats, supporting diverse wildlife.

13. Recently, the "None of the Above" (NOTA) option emerged as the runner-up in which constituency of Madhya Pradesh?

- A. Gwalior
- B. Indore
- C. Khajuraho
- D. Jabalpur



- ✓ In Madhya Pradesh's Indore constituency, the "None of the Above" (NOTA) option became the runner-up with a record 2,18,674 votes, the highest ever. NOTA allows voters to disapprove of all candidates without choosing any, expressing negative opinions and maintaining secrecy. First used in the 2013 Assembly elections, it was introduced following a 2013 Supreme Court directive in the PUCL vs. Union of India case.

14. Which organization recently released the report titled 'State and Trends of Carbon Pricing 2024'?

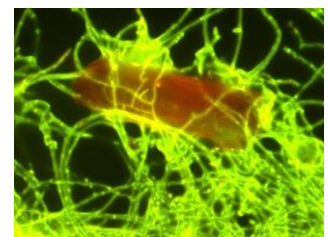
- A. UNEP
- B. UNDP
- C. World Bank
- D. IMF



- ✓ The World Bank's "State and Trends of Carbon Pricing 2024" report highlights that CP revenues surpassed USD 100 billion in 2023, with 75 global CP instruments covering 24% of global greenhouse gas emissions. Brazil, India, and Türkiye have made significant strides in CP implementation, while China and India lead in carbon credit issuances. Carbon pricing attaches costs to greenhouse gas emissions, primarily through CO2 pricing mechanisms.

15. What is 'Parengyodontium album'?

- A. Amoeba
- B. Fungi
- C. Bacteria
- D. Protein



- ✓ Marine microbiologists from the Royal Netherlands Institute for Sea Research discovered the marine fungus Parengyodontium album, which can break down plastic polyethylene (PE) in the ocean. This fungus converts PE-derived carbon into fungal biomass, aided by UV sunlight's initial photodegradation of PE. Annually, humans produce over 400 billion kilograms of plastic, much of which pollutes the ocean.

16. Recently, the National Level Coordination Committee (NLCC) held its maiden meeting at which place for the World's largest grain storage plan?

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



- ✓ **The National Level Coordination Committee (NLCC) convened its inaugural meeting at the Ministry of Cooperation, New Delhi, to discuss the world's largest grain storage plan.**
- ✓ **This initiative aims to bolster agricultural infrastructure at grassroots levels through the establishment of warehouses, processing units, and Fair Price Shops in Primary Agricultural Cooperative Societies (PACS). It integrates various government schemes and is implemented by agencies like NCDG, NABARD, FCI, and CWC in collaboration with concerned States/UTs.**

17. Which organization recently hosted the '12th Plenary Assembly of the Global Soil Partnership (GSP)'?

- A. Food and Agriculture Organization (FAO)
- B. World Meteorological Organization (WMO)
- C. United Nations Development Programme (UNDP)
- D. World Bank



- ✓ **The 12th Plenary Assembly of the Global Soil Partnership (GSP) was hosted by the Food and Agriculture Organization of the United Nations (FAO) from June 3–5, 2024. The assembly included over 700 partners and FAO members.**
- ✓ **The GSP is a globally recognized mechanism that promotes sustainable soil management and has implemented programs around the world. The assembly is a key platform for GSP partners and FAO members to exchange knowledge and expertise and make important decisions about the global soil agenda.**

18. Ministry of Defence recently signed an MoU with which ministry to set up a dedicated Tele Manas Cell for the armed forces?

- A. Ministry of Home Affairs
- B. Ministry of Agriculture
- C. Ministry of Health and Family Welfare
- D. Ministry of Communications



- ✓ **The Ministries of Health and Defence signed an MoU to establish a dedicated Tele Manas Cell for the Armed Forces, providing specialized mental health support.**

- ✓ This initiative adds to the 51 existing Tele Manas cells operating across all States and Union Territories, enhancing mental health services for military personnel nationwide.

19. Minuteman III, an intercontinental ballistic missile (ICBM) is developed by which country?

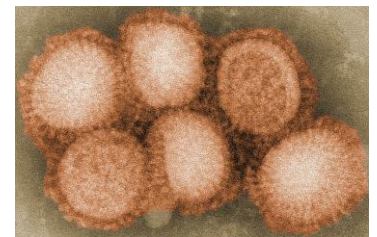
- A. United States
- B. Russia
- C. China
- D. Japan



- ✓ The US tested an unarmed Minuteman III ICBM from Vandenberg Space Force Base. The Minuteman III, deployed in the 1960s, is the sole land-based component of the US nuclear triad, designed by Boeing. Despite initial plans for a ten-year service, it will be used until the GBSD is available in 2029. The three-stage, solid-fuel missile, with a 13,000 km range, currently carries a single nuclear warhead, ensuring fast launch and high reliability.

20. H5N2 virus is related to which disease?

- A. Malaria
- B. Dengue
- C. Bird flu
- D. AIDS



- ✓ The first human case of H5N2 avian flu has been reported in Mexico City, involving a 59-year-old man who died. Bird flu, caused by the Avian Influenza A virus, primarily infects poultry and wild birds but can jump to humans through direct contact. H5N2, a subtype first reported in Mexican poultry, spreads through migratory bird patterns and interactions with domestic birds. Environmental changes also influence its spread.

21. What is the theme for 'World Food Safety Day 2024'?

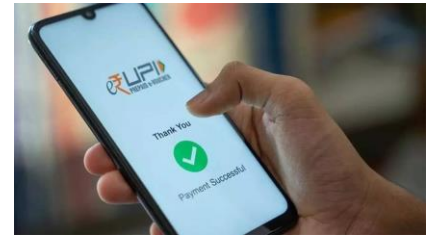
- A. Prepare for the unexpected
- B. Food Standards Save Lives
- C. Safer food, better health
- D. Safe food today for a healthy tomorrow



- ✓ World Food Safety Day, celebrated on June 7th, raises awareness about food safety and promotes actions to prevent foodborne risks. Initiated by the UN in 2016 and supported by FAO and WHO, it underscores the importance of safe, nutritious food for all. Officially recognized on August 3, 2020, this day emphasizes food safety's critical role in global health. This year's theme has been revealed as: Food safety: Prepare for the unexpected.

22. NPCI International Payments Ltd (NIPL) recently joined hands with which South American country to enable UPI payments?

- A. Brazil
- B. Argentina
- C. Peru
- D. Chile



- ✓ **The National Payments Corporation of India (NPCI) and Peru's central bank have partnered to create a UPI-like payment system in Peru. This makes Peru the first South American country to adopt NPCI's technology, enabling instant payments between individuals and businesses. The initiative aims to expand digital payments among Peru's large unbanked population.**

23. What is the name of the Russian cosmonaut, who recently became the first person to spend 1000 days in space?

- A. Yelena Kondakova
- B. Nikolai Chub
- C. Yuri Gagarin
- D. Oleg Kononenko



- ✓ **ROSCOSMOS cosmonaut Oleg Kononenko set a world record by spending 1,000 days in space. His latest mission to the ISS began on September 15, 2023, with NASA astronaut Loral O'Hara and Nikolai Chub. A cosmonaut since 1996, Kononenko, an aviation mechanical engineer, has commanded four Soyuz missions.**

24. Recently, India launched Biopharmaceutical Alliance with which countries?

- A. US, Japan and South Korea
- B. China, Russia and Nepal
- C. UK, Russia and Israel
- D. Australia, China and UK



- ✓ **India, the US, South Korea, Japan, and the EU have formed a Biopharmaceuticals Alliance. The first meeting was in San Diego during the Bio International Convention 2024. Biopharmaceuticals, derived from living organisms, are set to comprise 50% of future medical drugs. The alliance aims to prevent drug shortages like those during the COVID-19 pandemic by diversifying and mapping the pharmaceutical supply chain, ensuring a resilient and sustainable system.**

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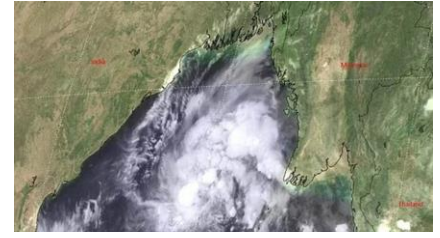
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1. National Crisis Management Committee (NCMC) is chaired by which authority?

- A. Defence Minister of India
- B. Cabinet Secretary of India
- C. Union Minister of Health and Family Welfare
- D. President of India



- ✓ **The Union Cabinet Secretary chaired a National Crisis Management Committee (NCMC) meeting to review preparedness for heat waves and forest fires. NCMC, a key national-level decision-making body for disaster management, coordinates relief efforts, provides support to state governments, and ensures preventive measures. Chaired by the Cabinet Secretary, it includes Secretaries from relevant ministries and agencies.**

2. Which organization recently released the 'Child Nutrition Report 2024'?

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



- ✓ **UNICEF's "Child Nutrition Report, 2024" highlights severe child food poverty (CFP) affecting 27% of children globally. In India, 40% suffer from severe CFP, the second highest in South Asia. Key issues include the prevalence of unhealthy foods. Contributing factors are inequities, conflict, climate crises, and food marketing. Recommendations include improving data systems, transforming food systems, and enhancing health services for child nutrition.**

3. What is the primary objective of the 'TRISHNA mission'?

- A. Exploring outer space
- B. Monitoring surface temperature and
Water management at regional to global scale
- C. Studying ocean currents
- D. Mapping the moon's surface



- ✓ **The TRISHNA mission, a collaboration between ISRO and CNES, aims to monitor surface temperature and water management globally. Its objectives include detailed monitoring of energy and water budgets, assessing urban heat islands, and detecting thermal anomalies. The mission features two primary payloads: CNES's Thermal Infra-Red sensor and ISRO's VNIR-SWIR payload. Operating in a sun-synchronous orbit, TRISHNA will significantly enhance climate monitoring and urban planning over its 5-year operational life.**

4. Recently, which countries were elected as non-permanent members of the UNSC for the 2025-26 term?

- A. Ukraine, Israel, Somalia and Maldives
- B. Uganda, Kazakhstan and Tajikistan
- C. Pakistan, Somalia, Denmark, Greece and Panama
- D. Peru and Chile



- ✓ **Pakistan, Somalia, Denmark, Greece, and Panama were elected as non-permanent members of the UNSC for a two-year term via secret ballot, requiring two-thirds of the 193-member General Assembly. Pakistan marks its 8th term. The 1963 UN Charter amendment increased non-permanent members from 6 to 10.**

5. Recently, which state government inaugurated plastic waste management and recycling plant?

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



- ✓ **The Trishakti Corps of the Indian Army marked World Environment Day with "Go Green Initiatives" in North Bengal and Sikkim, including the launch of a plastic waste management plant in East Sikkim. Part of the Sadbhavana initiative, the project aims to promote sustainability and local economic development by recycling plastic waste into road materials and bricks. This effort creates jobs for villagers and aligns with the Army's commitment to environmental sustainability, aiming to eliminate landfills by 2027.**

6. Recently, where was the first meeting of the Joint Task Force on Investment (JTFI) between India and Qatar held?

- A. New Delhi
- B. Doha
- C. Chennai
- D. Kanyakumari



- ✓ **The inaugural meeting of the Joint Task Force on Investment (JTFI) between India and Qatar took place in New Delhi, co-chaired by officials from both nations. The JTFI aims to enhance investment cooperation and bilateral relations, focusing on sectors like infrastructure, energy, and technology. It highlights the shared commitment to inclusive development and mutual growth, reinforcing the strong economic ties between India and Qatar based on shared values and common objectives.**

7. How many women have won the recently Lok Sabha elections?

- A. 67
- B. 74
- C. 79
- D. 97

74

- ✓ In the recent Lok Sabha elections, 74 women were elected, a slight decrease from 78 in 2019. These 74 women MPs constitute 13.63% of the Lower House, still far from the desired 33% representation. Despite progress over the years, women's representation in the Lok Sabha remains slow and inconsistent. However, this number marks a significant increase from the first elections in 1952, where only 22 women were elected.

8. What is the theme of 'World Oceans Day 2024'?

- A. Planet Ocean: Tides are Changing
- B. Awaken New Depth
- C. Revitalization: Collective Action for the Ocean
- D. The Ocean: Life and Livelihoods



- ✓ World Oceans Day 2024, celebrated on June 8th, aims to raise awareness about the importance of oceans and their conservation. The theme, "Awaken New Depths," focuses on the impact of human activity on marine environments and promotes sustainable ocean management. Events and campaigns worldwide support this cause, with the United Nations hosting the main celebration at its New York Headquarters.

9. A J T Johnsingh, who recently passed away, belonged to which field?

- A. Wildlife conservationist
- B. Entertainer
- C. Poet
- D. Politician



- ✓ Distinguished Indian wildlife conservationist and biologist A J T Johnsingh passed away at 78 in Bengaluru on June 7, 2024. Born in Tamil Nadu's Western Ghats, he was influenced by Jim Corbett's tales. Johnsingh joined the Wildlife Institute of India and played key roles in tiger conservation and various organizations. His research focused on diverse species, and he authored over 70 scientific papers and 80 popular articles on wildlife conservation.

10. Recently, who won the gold medal in the men's 10m air pistol event at the ISSF World Cup 2024 in Munich, Germany?

- A. Saurabh Chaudhary
- B. Divyansh Singh
- C. Sarabjot Singh
- D. Abhishek Verma



- ✓ Sarabjot Singh won India's first medal at the ISSF World Cup in Munich, Germany, held from May 31 to June 8, 2024. He scored 242.7 points to win gold in the men's 10-meter air pistol event. Shuaihang Bu of China won silver, and Germany's Robin Walter took bronze. Sift Kaur Samra secured a bronze in the women's 50-meter rifle event. India is third in the medal tally with two medals.

11. Mongla Port is located in which country?

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



- ✓ India aims to operate Mongla Port in Bangladesh and build a new terminal to counter China's regional influence. Mongla, the second largest seaport in Bangladesh, is strategically located 62 km from the Bay of Bengal, protected by the Sundarban forest. India's interest in Mongla will improve access and reduce transportation costs to northeastern states like Assam and Tripura. India Ports Global Limited has expressed interest, following the 2015 MoU for transit.

12. Which organization recently launched new initiatives for "greening education" in classrooms?

- A. World Bank
- B. UNICEF
- C. UNESCO
- D. UNEP



- ✓ UNESCO has launched new tools under the Greening Education Partnership: The Greening Curriculum Guidance (GCG) and Green School Quality Standards (GSQS). The GCG offers a practical manual for mainstreaming environmental topics in curricula, detailing expected learning outcomes. The GSQS sets minimum requirements for creating green schools with an action-oriented approach. This initiative, involving 80 member states, aims to equip learners with the skills to tackle climate change and promote sustainable development.

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