

1. Recently, the Indian Navy's second Very Low Frequency radar station is inaugurated in which state?

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



- ✓ Defence Minister Rajnath Singh inaugurated the Indian Navy's second Very Low Frequency (VLF) radar station in Damagudem forest, Telangana. It is the Navy's second VLF communication transmission station in India. The first VLF radar station, INS Kattabomman, is located in Tirunelveli, Tamil Nadu.

2. Recently, where was the 75th International Astronautical Congress (IAC) held?

- A. London, UK
- B. Milan, Italy
- C. Paris, France
- D. New Delhi, India



- ✓ The 75th International Astronautical Congress (IAC) opened in Milan, Italy. Over 10,000 space experts, scholars, entrepreneurs, and professionals attended. The theme was "Responsible Space for Sustainability," focusing on balancing space exploration with environmental protection. More than 200 technical sessions were held, discussing topics like Moon and Mars exploration, climate change, private companies' roles, and artificial intelligence applications in space.

3. Which state government recently approved the Damanganga-Vaitarna-Godavari river-linking project?

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



- ✓ Maharashtra Cabinet approved the Damanganga-Vaitarna-Godavari and Damanganga-Ekdare-Godavari river-linking projects. These projects aim to address water scarcity in North Maharashtra and Marathwada regions. The total cost of the projects is ₹15,710 crore.
- ✓ The Damanganga-Vaitarna-Godavari project received ₹13,497 crore in funding, providing 160.97 MLD of water and irrigating 33,110 hectares. The Damanganga-Ekdare-Godavari project was approved with ₹2,213 crore, supplying 100 MLD of water and irrigating 12,998 hectares. These initiatives aim to significantly improve irrigation and water availability, especially in Sinnar taluka, Nashik district.

4. Which city is the host of SARAS Aajeevika Mela 2024?

- A. New Delhi
- B. Gurugram
- C. Indore
- D. Jaipur



- ✓ The SARAS Aajeevika Mela is being organized by the Ministry of Rural Development and NIRDPR from 13th to 29th October 2024 in Gurugram. Over 900 rural women artisans from around 30 states are participating. The fair showcases diverse products, including Tussar sarees, Bagh prints, Patola sarees, Katha sarees, and Rajasthani prints. Products include wooden crafts from Karnataka and Andhra Pradesh, dry fruits and handloom items from Jammu and Kashmir, and Palash and natural food from Jharkhand, representing rural culture across India.

5. Recently, the US-India Strategic Partnership Forum (USISPF) hosted its annual 'India Leadership Summit 2024' in which city?

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



- ✓ The US-India Strategic Partnership Forum (USISPF) hosted the 'India Leadership Summit 2024' in New Delhi. It focused on boosting bilateral trade, supply chains, semiconductor investment, AI, and next-gen technologies. The summit followed PM Modi's recent US visit for the Quad Summit and UNGA. It aimed to strengthen defence ties, promote clean energy, and ensure a free Indo-Pacific. Key speakers included Union Ministers Piyush Goyal, Dharmendra Pradhan, and Jyotiraditya Scindia. The summit emphasized collaboration between the US and India to fortify India's manufacturing economy and realign global supply chains.

6. Which city hosted the SCO Summit recently?

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



- ✓ Islamabad hosted the 23rd Meeting of the SCO Council of Heads of Government on October 16, 2024. Pakistan chaired the meeting, focusing on trade and economic cooperation. India's External Affairs Minister S. Jaishankar led the Indian delegation. It marks a crucial diplomatic event with leaders from India, China, Russia, and Central Asian nations. The summit aims to address ongoing tensions, particularly between India and Pakistan, while promoting multilateral dialogue.

- ✓ Established in 2001, the SCO has evolved into a major platform for addressing security and economic issues across Eurasia, making this summit particularly significant for participating nations.

7. Which Indian recently received the IAF World Space Award for the Chandrayaan-3 mission?

- A. Manoj Govil
- B. S. Somnath
- C. P K Mishra
- D. Pawan Kumar Goenka



- ✓ Dr S Somanath, ISRO Chairman, was honored with the International Astronautical Federation (IAF) World Space Award for the success of Chandrayaan-3. The award was presented in Milan, Italy, recognizing India's achievements in space exploration. Chandrayaan-3 made a historic landing near the Moon's South Pole on August 23, 2023. India became the first nation to land near the Moon's South Pole and joined an elite group capable of lunar landings.

8. Which space organization has launched the Europa Clipper Mission to explore Jupiter's moon?

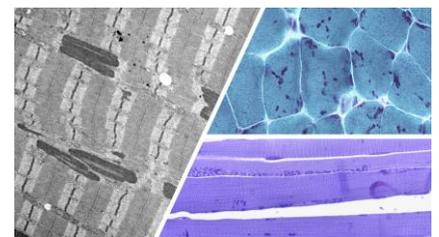
- A. ISRO
- B. NASA
- C. CNSA
- D. ESA



- ✓ NASA launched the Europa Clipper spacecraft to explore Jupiter's moon, Europa, and its potential to sustain life. The spacecraft will travel 3 billion kilometers in a nearly 10-year mission. Europa is believed to have a deep ocean, possibly 120 km beneath its icy surface. In 2013, Hubble detected geysers on Europa, suggesting thermal vents that could support life. The mission aims to study these vents for signs of life. Europa Clipper is NASA's largest spacecraft, powered by solar panels, with a budget of \$5.2 billion.

9. Nemaline myopathy, a rare congenital disorder, primarily affects which part of body?

- A. Kidneys
- B. Lungs
- C. Skeletal muscles
- D. Heart



- ✓ Chief Justice of India DY Chandrachud discussed nemaline myopathy, a genetic condition affecting his foster daughters. Nemaline myopathy, or rod myopathy, is a rare congenital disorder that weakens skeletal muscles. The condition is named after "nemaline," referring to thread-like structures found in the muscle cells of affected individuals. It is a rare disorder, occurring in approximately 1 in 50,000 births.

- ✓ Symptoms include muscle weakness in the face, neck, and trunk, and difficulties in feeding and breathing. Diagnosis often involves painful procedures like muscle biopsies. While there is no cure, treatments such as physical therapy and respiratory support can help manage symptoms.

10. What is the primary purpose of the MQ-9B Predator drones recently acquired by India from the United States?

- A. Surveillance and reconnaissance
- B. Agricultural monitoring
- C. Weather forecasting
- D. None of the Above



- ✓ India has acquired 31 MQ-9B Predator drones from the US for surveillance and reconnaissance. These drones, made by General Atomics, can be used for anti-submarine and anti-surface warfare. They can fly over 40,000 feet and stay airborne for up to 40 hours, providing real-time information. It works boosting the capabilities of the Indian Navy and Air Force.

11. Which day is observed as International Day for the Eradication of Poverty?

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



- ✓ The International Day for the Eradication of Poverty is observed every year on October 17th. Its purpose is to raise awareness about the need to eliminate poverty in all its forms. The day encourages efforts to create a more just, inclusive, and equitable world. Special attention is given to people living in extreme poverty.

12. Hellfire Missiles are developed by which country?

- A. United States of America
- B. Russia
- C. China
- D. Australia



- ✓ India signed a deal with the US to buy 170 AGM-114R Hellfire missiles. The AGM-114 Hellfire is a laser-guided, short-range air-to-ground missile used by the US military and 30 allies. It was developed by USA in 1972 to counter Soviet tanks and is used against armored vehicles, radar systems, helicopters, and more. Hellfire missiles are used on UAVs like Predator and Reaper drones.

13. Which organization recently released the Pathways out of the Polycrisis: Poverty, Prosperity, and Planet Report 2024?

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



- ✓ The World Bank released the "Pathways out of the Polycrisis: Poverty, Prosperity, and Planet Report 2024". The report highlights challenges in economic development. Global poverty reduction has nearly stalled over the past 5 years due to the "polycrisis."
- ✓ Polycrisis refers to multiple overlapping crises like slow growth, fragility, climate risks, and uncertainty. Extreme poverty is projected at 7.3% in 2030. The global prosperity gap has widened, with income growth slowing since the pandemic. In India, extreme poverty has dropped from 431 million in 1990 to 129 million in 2024.

14. Where was the Asia-Pacific Ministerial Conference on Disaster Risk Reduction 2024 held?

- A. Jakarta, Indonesia
- B. Beijing, China
- C. Manila, Philippines
- D. New Delhi, India



- ✓ An Indian delegation led by Union Minister Nityanand Rai attended the Asia-Pacific Ministerial Conference on Disaster Risk Reduction (APMCDRR) 2024 in Manila. The conference was inaugurated by Philippine President Bongbong Marcos. The theme was "Surge to 2030: Enhancing ambition in Asia Pacific to accelerate disaster risk reduction." APMCDRR is the key platform for the Asia-Pacific region to monitor and enhance cooperation on the Sendai Framework for Disaster Risk Reduction 2015-2030.

15. Which ministry has established iGOT Lab to facilitate online learning for all employees?

- A. Ministry of Information and Broadcasting
- B. Ministry of Science and Technology
- C. Ministry of Urban Development
- D. Ministry of Defence



सूचना एवं
प्रसारण मंत्रालय
MINISTRY OF
INFORMATION AND
BROADCASTING

सत्यमेव जयते

- ✓ The Ministry of Information and Broadcasting has established the iGOT Lab to enhance online learning for its employees. This initiative aims to onboard all employees onto the iGOT portal by October 19 and offers 16 selected courses including Budget Management and Leadership.

- ✓ To promote engagement, the Ministry will recognize employees completing the most courses each quarter. This move follows a review of the Ministry's Capacity Building Calendar and emphasizes the importance of skill enhancement, transparency, and timely grievance resolution.

16. Where was the fifth Global Standards Symposium (GSS-24) inaugurated?

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



- ✓ The Fifth Global Standards Symposium (GSS-24) was inaugurated by Minister Jyotiraditya Scindia in New Delhi. It is a historic event for the Asia-Pacific region, organized by the International Telecommunication Union (ITU). Around 1500 policymakers and global ministers attended to discuss the future of digital transformation. The symposium focused on the critical role of international standards in enabling emerging technologies.

17. Which day is celebrated as World Students Day annually?

- A. October 14
- B. October 15
- C. October 16
- D. October 17



- ✓ World Students' Day is celebrated annually on October 15th. The day honors students worldwide and raises awareness about their challenges. It marks the birth anniversary of Dr. APJ Abdul Kalam, a former President of India and educator. The day highlights the importance of education and its role in shaping society's future. It encourages students to pursue their dreams and overcome obstacles. The celebration acknowledges students' contributions and promotes education as a tool for personal and social development.

18. Which state recently celebrated the Lamlai Festival?

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



- ✓ The Maring community in Tengnoupal district, Manipur, celebrated the annual Lamlai pre-harvest festival. The festival began with the traditional Khausab (war dance) procession through the village. It is significant for the Maring tribe, honoring ancestors and promoting unity. Villagers clean their surroundings, including drains, roads, and pathways during the celebration. The Lamlai Festival marks the start of preparations for the harvest season.

19. Which company has manufactured India's first indigenous high-speed train?

- A. Bharat Earth Movers Limited (BEML)
- B. Bharat Electronics Limited (BEL)
- C. Hindustan Aeronautics Limited (HAL)
- D. Integral Coach Factory, Perambur (ICF)



- ✓ **BEML has manufactured India's first indigenous high-speed train with a peak speed of 280 kmph. Founded on 11 May 1964 with Soviet Union assistance, BEML was initially fully owned by the Indian government. Headquartered in Bangalore, it manufactures heavy equipment for earthmoving, railways, transport, and mining sectors. The government divested 25% of its holdings in 1992, and further strategic disinvestment (26%) with management control transfer was later approved. BEML is Asia's second-largest manufacturer of earthmoving equipment.**

20. Samarth Scheme, recently extended for two years, focuses on skill development in which sector?

- A. Agriculture
- B. Textile
- C. Weapons
- D. IT



- ✓ **The Samarth Scheme is a government initiative aimed at enhancing skill development in the textile sector, with a budget of Rs 495 Crore for FY 2024-25 and 2025-26. It aims to train 3 lakh individuals, focusing on job creation in organized textile industries while excluding spinning and weaving. The program also emphasizes upskilling existing workers and supports traditional textile sectors such as handloom and handicraft, with a significant focus on women's employment, training 2.89 lakh women to date.**

21. Which national park recently emerged as India's second butterfly diversity hub?

- A. Kaziranga National Park
- B. Keoladeo National Park
- C. Periyar National Park
- D. Rajaji National Park



- ✓ **Over 446 butterfly species have been recorded in Assam's Kaziranga National Park, making it the second-highest in India after Namdapha National Park, Arunachal Pradesh. Kaziranga is located in Assam's Golaghat and Nagaon districts. It is the largest undisturbed area in the Brahmaputra Valley floodplain. The park was declared a UNESCO World Heritage Site in 1985. The Difalu River flows through the core tiger habitat, while the Moradifalu River runs along its southern boundary.**

22. Which city is the host of seventh session of the International Solar Alliance (ISA) Assembly?

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



- ✓ **The curtain raiser for the Seventh Session of the International Solar Alliance (ISA) Assembly was hosted in New Delhi. The session will be held from 3rd to 6th November 2024 at Bharat Mandapam, New Delhi, under the presidency of India and co-presidency of France.**
- ✓ **The ISA Assembly is the decision-making body of the ISA, representing all member countries. It discusses the implementation of the ISA's framework, selects the Director General, approves the budget, and assesses solar energy programs. ISA has 120 signatory countries, with 102 as full members. India holds the presidency, and France is the co-president.**

23. Mera Hou Chongba Festival has been celebrated in which state?

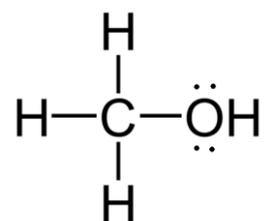
- A. Nagaland
- B. Manipur
- C. Assam
- D. Sikkim



- ✓ **Manipur celebrated the annual Mera-Hou-Chongba festival, a cultural event symbolizing the state's commitment to unity between its hill and valley communities. It is observed annually on the 15th lunar day of the Mera month in the Meitei calendar. The event began with a flag-hoisting ceremony led by titular king and MP Leishemba Sanajaoba at Sana Konung. Traditional rituals, Men Tongba and Yenkhong Tamba, were performed at Kangla Utra.**

24. Which institution organized the International Methanol Seminar and Expo 2024?

- A. NITI Aayog
- B. Reserve Bank of India (RBI)
- C. National Bank for Agriculture and Rural Development (NABARD)
- D. Council of Scientific and Industrial Research (CSIR)



- ✓ **NITI Aayog organized a two-day international methanol seminar and expo 2024 in New Delhi. The event was held in collaboration with the US Methanol Institute. It focused on methanol production, applications, and global technological developments. The seminar highlighted methanol's role in energy transition and as a low-carbon fuel in green shipping.**

25. Which organization recently released a report titled "Agriculture and Conservation"?

- A. United Nations Development Programme (UNDP)
- B. International Union for Conservation of Nature (IUCN)
- C. United Nations Environment Programme (UNEP)
- D. World Bank



- ✓ **The International Union for Conservation of Nature (IUCN) released a report titled "Agriculture and Conservation." The report explores the complex relationship between agriculture and biodiversity conservation. Agriculture directly threatens 34% of species on the IUCN Red List due to habitat conversion to croplands, pasturelands, plantations, and irrigation. Indirect threats include invasive species, nutrient loading, soil erosion, agrochemicals, and climate change. On the positive side, agriculture provides habitat for about 17% of species on the IUCN Red List.**

26. Which day was celebrated as Abhidhamma Divas by Ministry of Culture?

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



- ✓ **Abhidhamma Divas was celebrated on 17th October 2024 by the Ministry of Culture and the International Buddhist Confederation. It commemorates the Buddha's return from Tāvatiṃsa Heaven after teaching Abhidhamma. The day marks his sharing of advanced teachings with disciples. Abhidhamma Divas coincides with the Pavarana Festival, ending the first Rainy Retreat.**
- ✓ **Traditionally, Buddha spent three months in Tāvatiṃsa teaching his mother, Maya. This period aligns with Vassa, a Buddhist Lent for meditation. Celebrated on the full moon of the seventh lunar month, it is observed in countries like Myanmar, Thailand, Laos, Cambodia, and Sri Lanka.**

27. What is the primary objective of the PROBA-3 mission by the European Space Agency (ESA)?

- A. To explore moon's surface
- B. To create an artificial eclipse for detailed observation of the Sun's corona
- C. To study Earth's atmosphere
- D. To study asteroids



- ✓ **The PROBA-3 mission, led by the European Space Agency (ESA) and scheduled for launch in November 2024, aims to create an artificial eclipse using two coordinated satellites. This innovative approach allows for detailed observation of the Sun's corona, which is usually obscured by the Sun's brightness. The collaboration involves various European countries and the Indian Space Research Organisation (ISRO).**

28. Recently, the 8th edition of India Mobile Congress was held in which city?

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



- ✓ **Prime Minister Narendra Modi inaugurated the 8th India Mobile Congress at Bharat Mandapam during the World Telecommunication Standardization Assembly - 2024. The event was organized by the Department of Telecommunications, the Union Ministry of Communication, and the Cellular Operator Association of India. It highlighted India's innovation in Quantum technology, Circular Economy, 6G, 5G use cases, IoT, cybersecurity, and more.**
- ✓ **Over 400 exhibitors and about 900 startups participated from over 120 countries. The congress featured over 900 technology sessions and discussions with over 600 speakers. India Mobile Congress is Asia's largest digital technology forum, showcasing cutting-edge solutions and services.**

29. Which organization has inaugurated the 2024 Hand-in-Hand Investment Forum?

- A. World Health Organization (WHO)
- B. Food and Agriculture Organization (FAO)
- C. International Labour Organization (ILO)
- D. World Trade Organization (WTO)



- ✓ **The Food and Agriculture Organization (FAO) inaugurated the 2024 Hand-in-Hand Investment Forum. The Hand-in-Hand Initiative, launched in 2019, focuses on partnerships and investments to improve food security, reduce poverty, and promote economic growth in low- and middle-income countries. The initiative aims to achieve three Sustainable Development Goals (SDGs): eradicating poverty (SDG 1), ending hunger (SDG 2), and reducing inequalities (SDG 10). India has not joined the Hand-in-Hand Initiative.**

30. Zero Defect and Zero Effect initiative was launched by which ministry?

- A. Ministry of Micro, Small & Medium Enterprises
- B. Ministry of AYUSH
- C. Ministry of Power
- D. Ministry of Chemical and Fertilisers



- ✓ **The Union Minister of Commerce & Industry highlighted the 'Zero Defect and Zero Effect' (ZED) initiative at the Indian Foundation for Quality Management (IFQM) Symposium. It was launched in 2016 by the Ministry of MSME. The ZED initiative is an integrated certification system. It aims to encourage MSMEs to produce quality products using advanced technology.**

- ✓ The initiative promotes achieving higher ZED certification levels through incentives. It supports the "Make in India" campaign by enhancing product quality and reducing environmental impact.

31. Where was India's first airport-based self-powered indoor air quality monitoring facility inaugurated?

- A. Chennai
- B. Coimbatore
- C. Thiruvananthapuram
- D. Kochi



- ✓ Union Minister Dr Jitendra Singh unveiled Pavana Chitra, India's first self-powered indoor air quality monitoring facility at Thiruvananthapuram Airport. It is an off-grid monitor powered by indigenous indoor solar cells developed by CSIR-National Institute for Interdisciplinary Science and Technology (NIIST) using local materials. The air quality monitor features multiple sensors that measure temperature, humidity, carbon dioxide, carbon monoxide, and volatile organic compounds. It also calculates the air quality index, with all measurements displayed on a single screen.

32. Where is the Centre of Excellence in Ayurveda Research being established?

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



- ✓ A new Centre of Excellence in Ayurveda Research will be established at CSIR-National Institute for Interdisciplinary Science and Technology (NIIST) in Pappanamcode, Kerala. This center aims to scientifically test and validate Ayurvedic products to meet international standards. It will ensure that Ayurvedic formulations meet international quality, safety, and efficacy standards.
- ✓ This initiative is crucial for supporting Ayush enterprises and positioning Kerala as a hub for high-quality Ayurvedic products, amid the growing global acceptance of Ayurveda in modern health-care systems

33. Which of the following countries are a member of the Five Eyes Alliance?

- A. Australia, Canada, New Zealand, the United Kingdom and the United States
- B. Russia, India, Myanmar, Ukraine and France
- C. Afghanistan, Pakistan, China, India and Bhutan
- D. Russia, China, India, France and Indonesia



- ✓ The Five Eye Alliance has supported Canada, urging India to cooperate with its legal process.

- ✓ The alliance is a multilateral intelligence-sharing network among five English-speaking countries: Australia, Canada, New Zealand, the UK, and the US. It was formed after World War II, based on the UK-USA Agreement of 1946. The alliance is known for global surveillance using satellites, telephone networks, and fiber optic cables.

34. Battle of Walong was a part of which war?

- A. Indo-Pakistan war of 1971
- B. Sino-Indian war of 1962
- C. Indo-Pakistan war of 1947
- D. Kargil war of 1999



- ✓ The Army is planning month-long events to mark the 62nd anniversary of the Battle of Walong from the 1962 Sino-Indian War. The battle took place in Arunachal Pradesh near the India-China-Myanmar tri-junction. Indian troops defended Walong, a vital supply route, against a large-scale Chinese offensive. Around 830 Indian soldiers were killed, wounded, or captured. The battle is remembered for Indian bravery.

35. Where was the first ASEAN-India Track 1 Cyber Policy Dialogue held?

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



- ✓ The First ASEAN-India Track 1 Cyber Policy Dialogue was held in Singapore, co-chaired by Amit A. Shukla from India's Ministry of External Affairs. Both sides discussed the cyber threat landscape, national cyber policies, threat assessments, and recent ICT developments at the UN. The Dialogue focused on cooperation in capacity building and training. It aimed to identify specific areas for joint activities in cybersecurity.

36. According to recent study, which two countries have the world's worst internet freedom?

- A. Myanmar and China
- B. Bhutan and Nepal
- C. China and Bangladesh
- D. Myanmar and Sri Lanka



- ✓ China ranked last in internet freedom in the 2024 'Freedom on the Net' report by Freedom House. The report assessed internet freedom from June 2023 to May 2024 based on access obstacles, content limits, and user rights violations.

- ✓ China shared this rank with Myanmar, both scoring 9 out of 100, the lowest among all countries. China intensified efforts to isolate its domestic internet from the global network. The Chinese government blocked international website access and imposed heavy fines on VPN users.

IMPORTANT LINKS

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