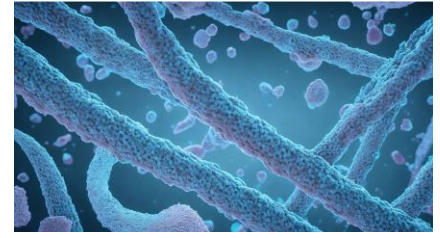


CURRENT AFFAIRS



1. Which African country recently reported an outbreak of the Marburg virus?

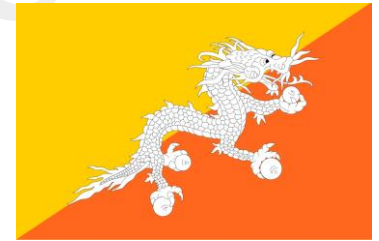
- A. Tanzania
- B. Kenya
- C. Somalia
- D. Rwanda



- ✓ Recently, six people have died in Rwanda due to a Marburg virus outbreak. Marburg Virus Disease is a rare but severe hemorrhagic fever affecting humans and primates. MVD is caused by the Marburg virus, similar to the Ebola virus, both from the Filoviridae family. The virus was first identified in 1967 in Marburg, Germany, linked to infected green monkeys. The African fruit bat is the reservoir host, and transmission occurs through direct contact with bodily fluids.

2. Which country recently supported India's bid for permanent membership in the UN Security Council?

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



- ✓ During the 79th session of the UN General Assembly, Bhutan's Prime Minister Tshering Tobgay expressed strong support for India's bid for a permanent seat in a reformed UN Security Council. He emphasized India's significant economic growth and leadership within the Global South as deserving of this status. Bhutan, which recently graduated from the Least Developed Countries (LDC) category.

3. As per recent data, which state leads the country in installed capacity for rooftop solar power under the PM Surya Ghar: Muft Bijli Yojana?

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



- ✓ PM Modi visited solar panels installed under the PM Muft Bijli Solar Yojana in Gujarat. The PM Surya Ghar Muft Bijli Solar Yojana encourages rooftop solar adoption by offering financial subsidies and easier installation. Households can get up to 300 units of free electricity each month. Gujarat leads in rooftop solar capacity with 4,195 MW, followed by Maharashtra with 2,487 MW, and Rajasthan with 1,269 MW. India's total installed rooftop solar power capacity is 13,889 MW.

4. What is the primary reservoir of the Rocahepevirus ratti strain of hepatitis E virus (HEV)?

- A. Pigs
- B. Rats
- C. Mosquitoes
- D. Birds



- ✓ Recent studies indicate that the Rocahepevirus ratti strain, commonly known as "rat HEV," primarily resides in rats and has been found to infect humans. Since its first human case in 2018, at least 20 cases have been reported, often linked to the consumption of raw pork. Researchers discovered that rat HEV could infect pigs and spread among them. Hepatitis E remains a significant global health issue, particularly in developing regions.

5. Recently, which country becomes the first in the world to eliminate leprosy?

- A. Jordan
- B. India
- C. Kenya
- D. Russia



- ✓ Jordan has become the first country globally to eliminate leprosy, with the World Health Organisation confirming this milestone. This success is attributed to extensive public health campaigns, early detection initiatives, and free treatment programs. Community education played a crucial role in raising awareness and preventing the spread of this historically significant disease.

6. "Casuarina tree" is native to which country?

- A. Russia
- B. Australia
- C. Sri Lanka
- D. France



- ✓ Six years after Cyclone Gaja, farmers in Vedaranyam, Tamil Nadu, are preparing for their first harvest of casuarina (savukku) plantations. Casuarina, native to Australia, was introduced in India in the 19th century.
- ✓ There are four cultivated species: Casuarina equisetifolia, glauca, cunninghamiana, and junghuniana. Its nitrogen-fixing ability and adaptability to diverse soil and climates make it ideal for commercial and environmental planting. Casuarinas grow well in tropical, subtropical, and Mediterranean regions, thriving in temperatures from 10°C-33°C and rainfall of 700-2000 mm.

7. According to Ministry of Food and Public Distribution, what is the position of India in ethanol production and consumption globally?

- A. 1st
- B. 2nd
- C. 3rd
- D. 4th



- ✓ India has become the world's third largest producer and consumer of ethanol, primarily derived from sugarcane. The Food and Public Distribution Minister, Pralhad Joshi, highlighted that sugarcane cultivation increased by 18% over the last decade, contributing to a 40% rise in sugar production. The government's support through Minimum Support Price has improved farmers' income.

8. What are "Garra zubzaensis and Psilorhynchus kosygini"?

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



- ✓ Researchers discovered two new fish species in Nagaland: Garra zubzaensis and Psilorhynchus kosygini. These are torrent minnows, small freshwater fish found in fast-flowing streams. Garra zubzaensis was found in the Zubza River, a Brahmaputra tributary in Kohima, with its habitat being fast-flowing, rocky streams. Psilorhynchus kosygini was discovered in the Tepuiki River, a Barak River tributary in Peren.

9. How many medals were won by India at the Junior World Wushu Championship 2024?

- A. 5
- B. 8
- C. 7
- D. 2



- ✓ Indian team won seven medals at the Junior World Wushu Championship in Brunei. India secured two golds, one silver, and four bronze medals. Aryan won gold in the Boys' Junior 48 kg category, defeating China's Gong Huanran. Shaurya won another gold in the Boys' 48kg (children) category, beating Iran's Alireza Zamani. Nang Mingbi Borphukan earned a silver in Taolu Jian Shu C Group. Tanish Nagar won bronze in the 56kg category. Abhijeet (60kg), Divyanshi (60kg women), and Yuvraj (42kg) also secured bronze medals. A 24-member Indian team participated.

10. Which space organization recently announced 'DRACO Mission' to study satellite disintegration phenomenon?

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



- ✓ **ESA will launch a satellite called DRACO (Destructive Reentry Assessment Container Object) mission in 2027 to study satellite disintegration during reentry. DRACO aims to help reduce space debris by collecting data on how satellites break apart. The mission will also study the environmental impact of reentry, including material interactions with the atmosphere. Deimos, a European company, will build the 200-kilogram satellite.**

11. Recently, who won gold medal in men's 5,000 meters race at World Athletics Continental Tour?

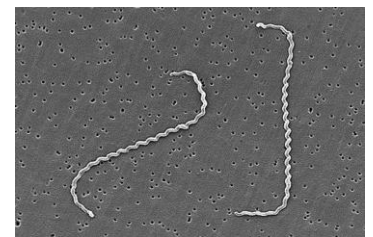
- A. Gulveer Singh
- B. Prakash Tomar
- C. Vijendra Sharma
- D. Yogesh Kumar



- ✓ **Gulveer Singh, a 26-year-old Indian athlete, won gold in the 5,000m race at the World Athletics Continental Tour in Japan. He set a new national record of 13 minutes and 11.82 seconds, breaking his earlier record of 13 minutes and 18.92 seconds. Earlier in March, he set the 10,000m national record in California with a time of 27 minutes and 41.81 seconds. His effort broke Surender Singh's 16-year-old record.**

12. Leptospirosis is caused by which type of organism?

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



- ✓ **Punjab chief minister Bhagwant Mann was recently diagnosed with leptospirosis. Leptospirosis is a bacterial disease affecting humans and animals, transmitted through contact with infected animal urine or contaminated environments.**
- ✓ **It can enter the body through cuts or mucous membranes. The World Health Organization recognizes it as a significant public health concern, especially in tropical regions. Symptoms include fever, muscle aches, and in severe cases, liver damage.**

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

1. NAMASTE Scheme is related to which group of workers?

- A. Agricultural workers
- B. Sanitation workers
- C. Health workers
- D. Construction workers



- ✓ **The Indian government launched the NAMASTE programme to support sewer and septic tank workers (SSWs) and mechanize sewer cleaning. Over 38,000 workers have been profiled, with 68.9% from Scheduled Castes, 14.7% from Other Backward Classes, and 8.3% from Scheduled Tribes. The programme aims to prevent deaths caused by hazardous manual cleaning, with 377 deaths recorded between 2019 and 2023.**

2. Recently, which state secured the top rank in the Urban Governance Index (UGI)?

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



- ✓ **Kerala has achieved the top rank in the Urban Governance Index (UGI), a study by the Praja Foundation assessing cities in India. Scoring 59.31 out of 100, it excelled in fiscal empowerment and local governance. Odisha followed in second place with a score of 55.10, highlighting the competitive nature of urban governance across India.**

3. What is the name of mission recently launched by Ministry of Ports, Shipping, and Waterways to promote cruise tourism in India?

- A. Kalash mission
- B. Cruise Bharat Mission
- C. Samudrayaan mission
- D. None of the Above



- ✓ **Union Minister Saraband Sonowal launched the Cruise Bharat Mission on 30 September 2024 in Mumbai, Maharashtra. The mission aims to make India a global hub for cruise tourism and top cruise destination. The Union Ministry of Ports, Shipping, and Waterways will implement the mission with support from various regulatory agencies. The mission will run from 1 October 2024 to 31 March 2029 in three phases.**

4. 'Mount Erebus' is located in which continent?

- A. Australia
- B. Europe
- C. Antarctica
- D. Africa



- ✓ **Mount Erebus, Antarctica's second-largest volcano, is unexpectedly spewing gold dust, surprising scientists. Typically, the volcano releases steam, gases, and rocks, but now tiny crystallized gold particles are also emerging. These particles have been found 621 miles from the volcano, valued at around \$6,000 (Rs 5 lakh). While other volcanoes produce gold in gas or liquid form, Mount Erebus uniquely releases solid gold particles carried by the wind.**

5. Exercise KAZIND is conducted between India and which country?

- A. Egypt
- B. Australia
- C. Kazakhstan
- D. Tajikistan



- ✓ **The 8th edition of Exercise KAZIND takes place from 30th September to 13th October 2024 in Auli, Uttarakhand. It is an annual joint military exercise between India and Kazakhstan. The Indian side will be represented by 120 personnel from the KUMAON Regiment and the Indian Air Force. Kazakhstan's contingent includes personnel from Land Forces and Airborne Assault Troopers. The exercise aims to enhance joint military capabilities for counterterrorism operations in semi-urban and mountainous terrain.**

6. What is the name of the Indian-origin armoured vehicle being assembled in Morocco?

- A. BMP-2
- B. Wheeled Armoured Platform (WhAP)
- C. Stryker
- D. Sarvatra



- ✓ **The Wheeled Armoured Platform (WhAP) 8x8 is an Indian-origin vehicle undergoing final assembly in Casablanca, Morocco, as part of a strategic partnership between Tata Advanced Systems Limited and the Moroccan Royal Armed Forces. This light armoured vehicle can transport troops and perform various roles, including surveillance.**

7. What is the projected fiscal deficit for India in 2024-25 as a percentage of GDP?

- A. 5.6%
- B. 4.9%
- C. 6.5%
- D. 3.8%



- ✓ The fiscal deficit for India in the 2024-25 financial year is projected to be 4.9% of the GDP, a reduction from 5.6% in 2023-24. The government aims to contain the fiscal deficit at ₹16,13,312 crore, emphasizing the gap between revenue and expenditure. The fiscal deficit is crucial for understanding the government's borrowing needs and overall economic health, as it reflects the difference between total expenditure and total revenue.

8. When is the 'International Day of Older Persons' observed every year?

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



International Day
of Older Persons

- ✓ The 34th International Day of Older Persons is observed on 1 October 2024. The day highlights the challenges and opportunities of population ageing. It recognizes the contributions and wisdom of older persons. The UN defines older persons as 65 years or older; in India, it's 60 years or older.
- ✓ The day was first observed on 1 October 1991, after a 1990 UN resolution. The 2024 theme is "Ageing with Dignity: The Importance of Strengthening Care and Support Systems for Older Persons Worldwide."

9. Which institution related to Yakshagana was recently accredited by the UNESCO Convention on Intangible Cultural Heritage?

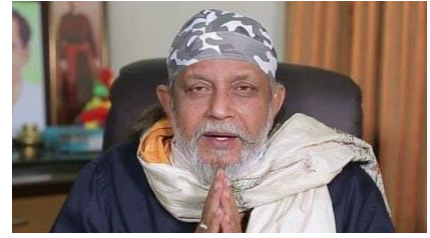
- A. Keremane Idagunji Mahaganapati Yakshagana Mandali
- B. Srimaya Yakshagana Kalakendra
- C. Yakshagana Gurukula
- D. Yakshagana Research Centre



- ✓ UNESCO has accredited the Keremane Idagunji Mahaganapati Yakshagana Mandali, founded in 1934 by Late Keremane Shivarama Hegde. The objective is to educate future generations and safeguard Yakshagana from decline, ensuring its relevance and vitality. Yakshagana is a traditional theatre form that originated between the 11th and 16th centuries in coastal Karnataka and parts of Kerala. It combines dance, music, dialogues, colorful costumes, and heavy make-up, inspired by the Vaishnava Bhakti movement.

10. Recently, who received the 'Dadasaheb Phalke Lifetime Achievement Award' for the year 2022?

- A. Rajinikanth
- B. Mithun Chakraborty
- C. Kamalhassan
- D. Sathyaraj



- ✓ **Legendary actor Mithun Chakraborty receives the Dadasaheb Phalke Lifetime Achievement Award for 2022, India's highest cinema honor. Presented annually at the National Film Awards by the Directorate of Film Festivals, it recognizes outstanding contributions to Indian cinema. The award includes a golden lotus, a ₹10 lakh cash prize, and a shawl. Established by the Government of India to honor Dadasaheb Phalke, the father of Indian cinema, the award was first given in 1969 to actress Devika Rani.**

11. Recently, which ministry has launched the "Jal hi AMRIT" program to incentivise states/UTs to promote efficient reuse of water?

- A. Ministry of Housing and Urban Affairs
- B. Ministry of Jal Shakti
- C. Ministry of Urban Development
- D. Ministry of Environment, Forest and Climate change



- ✓ **The Ministry of Housing and Urban Affairs (MoHUA) launched the "Jal Hi AMRIT" program under AMRUT 2.0 to enhance the quality of treated wastewater and promote its recycling in urban areas. The program aims to incentivize states and union territories to manage sewage treatment plants (STPs) for producing good quality recyclable water. It introduces a Clean Water Credit System to foster competition among cities and develop their capacities for effective water management.**

12. What is the name of world's first government-funded Multimodal Large Language Model, recently launched by India?

- A. Antriksh
- B. GTS-5
- C. BharatGen
- D. IndiaPT5



- ✓ **BharatGen was inaugurated by Union Minister Dr. Jitendra Singh in New Delhi as a generative AI aimed at improving public service delivery and citizen engagement. It is the world's first government-funded multimodal large language model, focusing on developing efficient and inclusive AI in Indian languages. The project will take two years to complete and will benefit government, private, educational, and research institutions.**

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1. What is the objective of 'SARTHIE 1.0' initiative, recently launched by Department of Social Justice and Empowerment and NALSA?

- A. Increase the GDP of the country
- B. Empower disadvantaged communities through awareness and legal support
- C. Promote tourism in India
- D. Enhance digital literacy among youth



- ✓ **The Department of Social Justice and Empowerment and the National Legal Services Authority launched SARTHIE 1.0 to empower disadvantaged communities like Scheduled Castes, Transgenders, and Nomadic Tribes.**
- ✓ **The initiative aims to raise awareness and provide legal support to promote effective access to social welfare schemes. It facilitates collaboration between the executive and judiciary to advance social justice. NALSA, established under the Legal Services Authorities Act of 1987, provides free legal services to eligible individuals and organizes Lok Adalats.**

2. Recently, two critically endangered species of amphibians, *Micrixalus spelunca* and *Nyctibatrachus indraneili*, were found in which tiger reserve?

- A. Kalakad Mundanthurai Tiger Reserve
- B. Anamalai Tiger Reserve
- C. Mudumalai Tiger Reserve
- D. Sathyamangalam Tiger Reserve



- ✓ **Two critically endangered amphibian species, *Micrixalus spelunca* (cave dancing frog) and *Nyctibatrachus indraneili* (Indraneil's night frog), were discovered in Mudumalai Tiger Reserve. Mudumalai Tiger Reserve is located in the Nilgiris District of Tamil Nadu and is part of the Nilgiri Biosphere Reserve. This biosphere reserve includes Wayanad Wildlife Sanctuary in Kerala, Bandipur National Park in Karnataka, Mukurthi National Park, and Silent Valley, making it a vital area for biodiversity conservation.**

3. Which organization recently released the "World Development Report"?

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



- ✓ **The World Bank's latest World Development Report focuses on the middle-income (MI) trap, highlighting that it may take nearly 75 years for economies currently in this trap to progress. Since 1987, the World Bank has classified economies into four categories: high income, upper middle income, lower middle income, and low income.**

- ✓ While high-income countries have doubled from 41 to 86, low-income countries have reduced from 49 to 26. Currently, there are 108 middle-income countries, making up 75% of the global population and contributing about 38% of global GDP.

4. What is the name of the recently discovered 'mini-moon' that will orbit Earth for nearly two months?

- A. 2024 PT5
- B. Arjuna
- C. Sastra
- D. NEO 2024



- ✓ The 2024 PT5 is a small asteroid recently captured by Earth's gravity, set to orbit for approximately 53 days. It belongs to a group of asteroids known as the Arjuna asteroid belt. This event is significant as it provides a rare opportunity for scientific observation. The asteroid is too faint to be seen with the naked eye and will depart Earth's orbit on November 25, 2024.

5. Recently, how much total financial assistance has the Centre approved for the flood-affected states?

- A. 600 crore rupees
- B. 675 crore rupees
- C. 700 crore rupees
- D. 750 crore rupees



- ✓ The Centre has approved ₹675 crore to support flood-affected states Gujarat, Manipur, and Tripura from the National Disaster Response Fund. Gujarat will receive ₹600 crore, Manipur ₹50 crore, and Tripura ₹25 crore due to heavy rainfall, floods, and landslides this monsoon. The Ministry of Home Affairs emphasized its commitment to assist these states. Other affected states include Assam, Mizoram, Kerala, Nagaland, Andhra Pradesh, Telangana, and Bihar.

6. NITI Aayog launched the first State Chapter of the Women Entrepreneurship Platform in which state?

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



NITI Aayog

- ✓ NITI Aayog launched the first State Chapter of the Women Entrepreneurship Platform (WEP) in Telangana. It was done in collaboration with WE Hub and the state government. The platform supports women entrepreneurs by tackling issues like lack of finance and mentorship. It focuses on digital skills, financial services, and market connections. Over 30,000 women entrepreneurs and 400 mentors are part of the platform. WE Hub will lead WEP-related activities in the state.

7. Five-hundred-meter Aperture Spherical Telescope (FAST) is located in which country?

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



- ✓ China has begun the second phase of expanding the Five-Hundred Aperture Spherical Telescope (FAST). FAST, located in Guizhou Province, is the world's largest and most sensitive radio telescope, with a diameter of 500 meters and a receiving area equal to 30 football fields. Its goals include detecting neutral hydrogen, discovering pulsars, participating in gravitational wave detection, and searching for extraterrestrial intelligence. FAST also joins international networks for high-resolution celestial studies. The data system is developed in collaboration with ICRAR in Australia and the European Southern Observatory (ESO).

8. Recently, where was India's first supercapacitor manufacturing facility inaugurated?

- A. Kannur, Kerala
- B. Indore, Madhya Pradesh
- C. Chennai, Tamil Nadu
- D. Nashik, Maharashtra



- ✓ Kerala CM Pinarayi Vijayan inaugurated India's first supercapacitor manufacturing facility at Keltron, Kannur, Kerala. The plant was developed with ISRO's collaboration and an initial investment of Rs 42 crore. It will boost Kerala's electronics industry, supporting sectors like defence and electric vehicles. The facility aims to produce 2,000 supercapacitors daily, meeting global standards.

9. What is the target production of crude palm oil under National Mission on Edible Oils – Oil Palm (NMEO-OP) by 2025-26?

- A. 5 lakh tonnes
- B. 11.20 lakh tonnes
- C. 2.50 lakh tonnes
- D. 16.50 lakh tonnes



- ✓ A National Level Multi-Stakeholder Consultative Workshop on Sustainable Oil Palm Cultivation under the NMEO-OP was recently held. The workshop focused on enhancing oil palm cultivation and production of crude palm oil in India. It involved various stakeholders to discuss sustainable practices and strategies for implementing the National Mission on Edible Oils-Oil Palm (NMEO-OP).
- ✓ NMEO-OP was launched by India in August 2021 to boost oil palm cultivation and crude palm oil production. It focuses on the Northeast region and Andaman and Nicobar Islands. The scheme has

a financial outlay of Rs 11,040 crore, with Rs 8,844 crore from the central government. It aims to increase oil palm cultivation from 3.5 lakh hectares to 10 lakh hectares by 2025-26 and crude palm oil production to 11.20 lakh tonnes.

10. ANNA DARPAN system is an initiative of which organization?

- A. NITI Aayog
- B. Food Corporation of India (FCI)
- C. National Disaster Management Authority
- D. APEDA



- ✓ **Food Corporation of India (FCI) selected Coforge Limited as the system integrator for its digital transformation project, Anna DARPAN. The project aims to streamline and improve supply chain management with an interactive, user-friendly design. It will use data analytics to support strategic and operational decisions. The system will integrate with internal and external systems, prioritizing mobile access.**

11. What is the theme of "Chanakya Defence Dialogue-2024", hosted by Indian Army?

- A. Drivers in Nation Building: Fuelling Growth through Comprehensive Security
- B. India's Path to Viksit Bharat
- C. Securing India and Indo-Pacific Region
- D. Innovations in Military Technology



- ✓ **The Indian Army, along with the Centre for Land Warfare Studies (CLAWS), holds the Chanakya Defence Dialogue-2024 on October 24-25, 2024 in New Delhi. The event will focus on "Drivers in Nation Building: Fuelling Growth through Comprehensive Security." Army Chief General Upendra Dwivedi emphasized a vision for a secure and prosperous India by 2047 at the curtain-raiser event.**
- ✓ **The dialogue aims to promote discussions, build strategic partnerships, and create actionable insights for national security and development. It will provide a platform for national and international leaders, policymakers, and experts to share their knowledge on security through development.**

12. What is the name of traditional beverage that recently received a GI tag from Assam's Bodo community?

- A. Bodo Tonba
- B. Bodo Jou Gwran
- C. Bodo Apor
- D. Bodo Aronai



- ✓ **The Geographical Indications Registry in Chennai granted GI tags to eight products from Assam, including 'Bodo Jou Gwran', a rice beer variant with about 16.11% alcohol, and 'Bodo Napham', a fermented fish dish. The Bodo community has a rich tradition of brewing and consuming rice beer, believing it originated from Lord Shiva.**

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

1. Volatiles Investigating Polar Exploration Rover (VIPER) mission is associated with which space organization?

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



- ✓ **NASA cancelled the Volatiles Investigating Polar Exploration Rover (VIPER) mission due to delays and high costs. VIPER was fully assembled and partially tested before cancellation. It was a NASA mission to explore the Moon's south pole for water ice and other resources. VIPER was part of the U.S.-led Artemis Accords, involving India.**

2. Swachh Bharat Mission-Urban 2.0 aims to clear legacy landfills by which year?

- A. 2025
- B. 2026
- C. 2027
- D. 2028



- ✓ **The Swachh Bharat Mission-Urban 2.0, launched in 2021, targets the remediation of all legacy landfills in India by 2025-2026. As of now, 474 out of 2,421 legacy landfills have been cleared, reclaiming over 2,617 acres of land for alternate uses such as parks and integrated waste management projects. Cities like Ahmedabad, Nagpur, Pune, and Lucknow are transforming these sites, showcasing the mission's impact on urban development and environmental sustainability.**

3. RoDTEP (Remission of Duties and Taxes on Exported Products) scheme, recently in news, comes under which ministry?

- A. Ministry of Finance
- B. Ministry of External Affairs
- C. Ministry of Commerce and Industry
- D. Ministry of Agriculture



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

सत्यमेव जयते

- ✓ **The RoDTEP (Remission of Duties and Taxes on Exported Products) scheme is extended for domestic tariff area (DTA) units until September 30, 2025.**
- ✓ **Launched in January 2021 by the Ministry of Commerce and Industry, RoDTEP refunds unreimbursed taxes, duties, and levies to exporters. It replaced the Merchandise Exports from India Scheme (MEIS), which was challenged at the World Trade Organization (WTO) for non-compliance with global trade rules. RoDTEP ensures that exporters receive compensation for costs incurred during production and distribution.**

4. Which institution released a report titled 'Future Pandemic Preparedness and Emergency Response — A Framework for Action'?

- A. NITI Aayog
- B. Reserve Bank of India
- C. Food Corporation of India
- D. Council of Scientific and Industrial Research

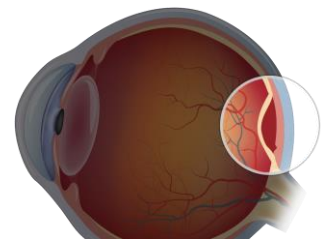


NITI Aayog

- ✓ **NITI Aayog released an Expert Group report titled 'Future Pandemic Preparedness and Emergency Response —A Framework for Action'. The report offers a blueprint for rapid response to future public health emergencies.**
- ✓ **COVID-19 is not the last pandemic; 75% of future threats could be zoonotic. The report offers a 100-day response plan for pandemics, focusing on governance, data management, and partnerships. The report recommends strengthening legislation, surveillance, and capacity-building. The framework aims to better prepare and manage future outbreaks effectively.**

5. Researchers of which institution has recently developed a method to treat retinal tears and diabetic retinopathy?

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



- ✓ **Researchers at IIT Madras have discovered a new method to treat retinal tears and diabetic retinopathy using mild laser-induced convection to improve drug delivery into the retina. They conducted simulations to study different treatment types, focusing on heat and mass transfer. This innovative approach could benefit around 11 million people in India with retinal disorders. Currently, laser-based techniques are employed to treat conditions like retinal tears, diabetic retinopathy, macular edema, and retinal vein occlusion.**

6. What is the theme of an annual Indian Navy conference, "Indo-Pacific Regional Dialogue - 2024"?

- A. Resource-Geopolitics and Security in the Indo-Pacific
- B. Evolving Maritime Strategies within the Indo-Pacific
- C. Operationalising the Indo-Pacific Oceans Initiative
- D. Geopolitical Impacts Upon Indo-Pacific Maritime Trade and Connectivity



- ✓ **The 2024 Indo-Pacific Regional Dialogue (IPRD), an annual Indian Navy conference, held in New Delhi. The conference's theme is "Resource Geopolitics and Security in the Indo-Pacific".**

- ✓ IPRD is the Indian Navy's key platform for international strategic engagement, discussing maritime security in the Indo-Pacific. This year's conference highlights the impact of traditional and new marine resources on geopolitics, with a focus on offshore energy resources like hydrocarbons shaping future geopolitics.

7. What is the objective of 'PM E-DRIVE Scheme', launched by Ministry of Heavy Industries?

- A. Promote Electric Vehicle (EV) adoption and establish charging infrastructure
- B. Reduce public transportation usage
- C. Increase petrol vehicle production
- D. None of the above



- ✓ The Ministry of Heavy Industries launched the PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme. The scheme aims to boost the adoption of Electric Vehicles (EVs) and create essential charging infrastructure nationwide for cleaner transportation. Key components include subsidies for electric two-wheelers, three-wheelers, ambulances, trucks, and other emerging EVs. Public charging stations will be established in cities with high EV use, supported by a financial outlay of ₹10,900 crore over two years.

8. Which ministry recently launched the People's Plan Campaign (Jan Yojana Abhiyan)?

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



पंचायती राज मंत्रालय
Ministry of Panchayati Raj

- ✓ The Ministry of Panchayati Raj launched the People's Plan Campaign, also known as Jan Yojana Abhiyan. The campaign is themed 'Sabki Yojana Sabka Vikas' and focuses on preparing Gram Panchayat Development Plans (GPDPs) for 2025–26. Special Gram Sabhas are being organized in over 2.55 lakh Gram Panchayats. The aim is to strengthen grassroots democracy and promote inclusive development in rural India.

9. In which tiger reserve was a herpetofauna survey conducted that recorded 33 reptile species and 36 amphibian species?

- A. Anamalai Tiger Reserve
- B. Mudumalai Tiger Reserve
- C. Sathyamangalam Tiger Reserve
- D. Kalakkad Mundanthurai Tiger Reserve



- ✓ A recent herpetofauna survey in the Mudumalai Tiger Reserve, now called the MTR Masinagudi Division, found rich biodiversity, including species likely new to science. The survey covered habitats at altitudes of 300 to 2,000 meters above sea level. It identified 33 reptile species and 36 amphibian species, many endemics to the Western Ghats.

10. Recently, where was the “World Green Economy Forum” launched?

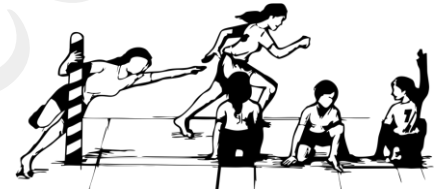
- A. Dubai
- B. New Delhi
- C. Paris
- D. London



- ✓ The World Green Economy Forum launched in Dubai, bringing together global leaders to address environmental challenges. Under Sheikh Mohammed bin Rashid Al Maktoum's patronage, the theme was “Empowering Global Action: Unlocking Opportunities and Advancing Progress.” Sessions focused on international cooperation for climate mitigation and integrated approaches to meet sustainable development goals.

11. Which country hosts the inaugural Kho Kho World Cup in 2025?

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



- ✓ The inaugural Kho Kho World Cup will be held in India in 2025, announced by the Kho Kho Federation of India and the International Kho Kho Federation. The event will feature 24 countries from 6 continents, with 16 teams for both men and women. To promote the sport, the KKFI plans to introduce Kho Kho in 200 schools across 10 cities.

12. Which state government has partnered with Wales for 25th edition of the Hornbill Festival?

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



- ✓ Nagaland signed Wales as a Country Partner for the 25th Hornbill Festival. Chief Minister Neiphiu Rio, during his visit to Wales, announced the agreement with the Welsh Government, British Council, and Wales Arts International. The partnership aims to strengthen bilateral ties, enhance people-to-people contact, and create opportunities for youth.

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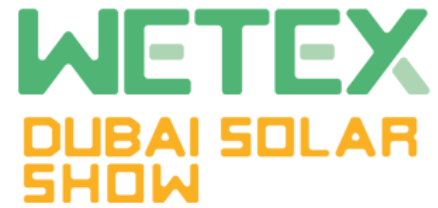
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1. Where was the 26th Water, Energy, Technology and Environment Exhibition (WETEX) organized?

- A. Chennai
- B. Dubai
- C. Coimbatore
- D. Moscow



- ✓ The 26th Water, Energy, Technology and Environment Exhibition (WETEX) 2024 started at the Dubai World Trade Centre with 29 leading Indian companies participating. Organized by Dubai Electricity and Water Authority (DEWA), the event runs until October 3, showcasing innovations in renewable energy, water treatment, and environmental technologies. The UAE-India economic relationship has strengthened since the Comprehensive Economic Partnership Agreement in May 2022, with trade volume reaching \$84.5 billion and projections of \$100 billion by 2027.

2. Scientists have recently detected the gases carbon dioxide and hydrogen peroxide on which moon of Pluto?

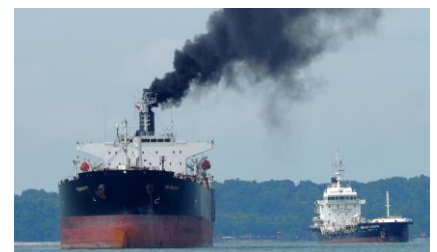
- A. Charon
- B. Nix
- C. Hydra
- D. Kerberos



- ✓ Scientists found carbon dioxide and hydrogen peroxide on Pluto's largest moon, Charon. Charon is half the size of Pluto, measuring 1,214 km across, discovered in 1978. It's named after the ferryman of dead souls in Greek mythology. Charon's mass is over one-tenth of Pluto's, and the two form a double dwarf planet system. The distance between Pluto and Charon is 19,640 km. Charon completes one orbit of Pluto in 6.4 Earth days.

3. Recently, where was India's Maritime Decarbonization Conference held?

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



- ✓ The Conference on Maritime Decarbonization in India, co-hosted by the Ministry of Ports and the Asian Development Bank, concluded in New Delhi. It emphasized the importance of green shipping and sustainable port operations. It aimed to align India's maritime sector with global climate goals, discussing initiatives like the Harit Sagar Green Port Guidelines and the goal of achieving net-zero carbon emissions by 2070. This reflects India's commitment to transforming its maritime industry for a sustainable future.

4. What is the name of new scheme launched by central government to enhance youth employability in India?

- A. PM Internship Scheme
- B. Youth Empowerment Initiative
- C. Digital Internship Scheme
- D. Skill India Scheme



- ✓ **The Prime Minister's Internship Scheme was recently launched to improve youth employability in India by giving practical experience in business environments. It aims to offer internships to one crore youth in the top 500 companies over five years. The Ministry of Corporate Affairs will oversee the pilot project via an online portal. Interns will receive a ₹4,500 monthly stipend from the government, plus ₹500 from companies through CSR. A one-time grant of ₹6,000 and insurance under PM Jeevan Jyoti Bima Yojana and PM Suraksha Bima Yojana will also be provided.**

5. What are the two umbrella schemes created by the rationalization of Centrally Sponsored Schemes (CSS) under the Ministry of Agriculture?

- A. Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVY) and Krishonnati Yojana (KY)
- B. National Mission on Oil Seeds and Digital Agriculture
- C. Pradhan Mantri Kissan Samman Nidhi and Pradhan Mantri Fasal Bima Yojana
- D. Soil Health Management and National Horticulture Mission



- ✓ **The Union Cabinet, led by Prime Minister Narendra Modi, approved the rationalization of Centrally Sponsored Schemes into two main umbrella schemes: Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVY) and Krishonnati Yojana (KY).**
- ✓ **PM-RKVY aims to promote sustainable agriculture, while Krishonnati Yojana focuses on food security and agricultural self-sufficiency. This restructuring allows state governments to create comprehensive strategic plans tailored to their agricultural needs, addressing challenges like climate resilience and value chain development. The total proposed expenditure for these schemes is Rs 1,01,321.61 crore, enhancing the efficiency of agricultural programs across India.**

6. Who became the first woman officer to serve as the Director-General of the Armed Forces Medical Services (DG AFMS)?

- A. Parisha Santoshi
- B. Punita Arora
- C. Arti Sarin
- D. Shaliza Dhani



- ✓ **Surgeon Vice Admiral Arti Sarin became the first woman to serve as Director General, Armed Forces Medical Services (DGAFMS).**

- ✓ The DGAFMS oversees medical policy matters for the Armed Forces and reports to the Ministry of Defence. Before this role, she held key positions, including DG Medical Services for the Navy and Air Force, and Director of Armed Forces Medical College, Pune. Over her 38-year career, she served in all three branches of the Indian Armed Forces. She has received several awards, including the Ati Vishist Seva Medal in 2024.

7. India has recently joined which global platform to enhance its domestic energy efficiency?

- A. Association for Renewable Energy and Clean Technology
- B. International Energy Efficiency Hub
- C. United States Department of Energy
- D. Renewable Energy Agency



- ✓ The Union Cabinet, led by the Prime Minister of India, has approved India's membership in the Energy Efficiency Hub. This global platform, established in 2020, promotes energy efficiency worldwide. The hub connects governments, international organizations, and private entities to share knowledge and solutions. Sixteen countries, including the U.S., U.K., and China, are members.
- ✓ The Bureau of Energy Efficiency (BEE) will represent India in the Hub. India's participation will enhance its energy efficiency initiatives and contribute to climate change efforts. This aligns with India's goals for sustainable development and reducing greenhouse gas emissions.

8. Recently, which languages have conferred the status of Classical Language by the union government?

- A. Marathi, Pali, Prakrit, Assamese and Bengali
- B. Urdu, Konkani and Maithili
- C. Punjabi, Dogri, Nepali and Bodo
- D. Kashmiri and Meitei



- ✓ The Union Cabinet of India, led by the Prime Minister, has approved Classical Language status for Marathi, Pali, Prakrit, Assamese, and Bengali. The recognition is based on criteria set by a Linguistic Experts Committee. The language must also have knowledge texts, including prose, alongside poetry and inscriptional evidence. Other recognized classical languages are Tamil (2004), Sanskrit (2005), Telugu (2008), Kannada (2008), Malayalam (2013), and Odia (2014).

9. What is the purpose of the "International Medical Device Regulators Forum (IMDRF)", recently joined by India?

- A. Promote medical tourism
- B. Harmonize medical device regulations
- C. Manufacturing medical devices
- D. None of the above



- ✓ India has recently become an affiliate member of the International Medical Device Regulators Forum (IMDRF). The IMDRF was established in 2011 to promote international medical device regulatory harmonization. Its members include regulatory authorities from countries like the U.S., Australia, Canada, the EU, Japan, and WHO.
- ✓ Membership reduces complexity for manufacturers and promotes public health through collaboration. It supports innovation and timely access to new medical devices. India will participate in IMDRF Open Sessions to share experiences and discuss regulatory strategies. This will strengthen India's medical device regulatory system and ensure public health protection.

10. Which organization recently launched "Global Strategic Preparedness, Readiness and Response Plan (SPRP)"?

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



- ✓ The World Health Organization (WHO) has launched the Strategic Preparedness and Response Plan (SPRP). The aim is to combat dengue and other Aedes-borne arboviruses like Zika and chikungunya through a coordinated global response. The SPRP will run for over a year, until September 2025. It focuses on five key components: emergency coordination, collaborative surveillance, community protection, safe and scalable care, and access to countermeasures.

11. Which organization successfully delivered the first 'Akashteer Air Defence System' to the Indian Army?

- A. DRDO
- B. Bharat Electronics Limited (BEL)
- C. HAL
- D. BHEL



- ✓ Bharat Electronics Limited (BEL) has delivered 100 Control Centres for the Air Defence Control and Reporting system (Akashteer) to the Indian Army. These control centres will play a crucial role in protecting the country from aerial threats like missile and rocket attacks.

12. Which institution has recently launched a cyber commandos training for police?

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



- ✓ IIT-Madras Pravartak has launched a cyber commandos training program for police. This six-month residential program is an initiative of the Union Home Ministry. It aims to provide specialized cyber training for law enforcement agencies across India.
- ✓ Unlike existing cybercrime cells that focus on reactive measures, this program will develop a proactive force to tackle cyber threats. The training will enhance the capabilities of police in effectively combating and preventing cybercrimes.

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1. Nine-day festival Brahmotsavam is celebrated at which temple annually?

- A. Arulmigu Ramanathaswamy Temple
- B. Tirumala Tirupati Sri Venkateswara Temple
- C. Arulmigu Meenakshi Amman Temple
- D. Arulmigu Ranganathaswamy Temple



- ✓ Sri Venkateswara temple in Tirupati is preparing for Brahmotsavam, a nine-day festival. It is celebrated at the Tirumala Tirupati Sri Venkateshwara Temple by the Swami Pushkarini Lake. The festival was initiated by Lord Brahma to thank Lord Venkateshwara for protecting mankind. In lunar months with an extra month, two Brahmotsavams are held: Salakatla and Navarathri.
- ✓ In 2024, only one Brahmotsavam (Salakatla) held due to the absence of Adhika Maasa. The Koil Alwar Tirumanjanam ritual, a traditional cleansing, occurs on Tuesdays before Brahmotsavam and other major festivals.

2. Chincholi Wildlife Sanctuary is located in which state?

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



- ✓ Dhools have been found in Chincholi Wildlife Sanctuary in the Kalyana-Karnataka region. Chincholi Wildlife Sanctuary is located around the Chandrampalli Dam in Kalaburagi district, Karnataka. It is the first dry-land wildlife sanctuary in South India and was notified in 2011. The sanctuary features dry and moist deciduous forests, acacia and teak plantations. It is Karnataka's northernmost protected area, home to diverse flora and fauna, including sandalwood, red sanders, blackbuck, striped hyena, wolf, and fruit bats.

3. Claudia Sheinbaum took oath as first female president of which country?

- A. Bahamas
- B. Mexico
- C. Vietnam
- D. Jamaica



- ✓ Claudia Sheinbaum was sworn in as Mexico's first woman president. She pledged to strengthen women's rights and maintain Mexico as a secure destination for international investment. Sheinbaum, aged 62, is a scientist and former mayor of Mexico City. The oath-taking ceremony took place in Mexico's Congress, marking the beginning of her six-year term.

4. Which ministry released the 7th consecutive issue of the publication "EnviStats India 2024: Environment Accounts"?

- A. Ministry of Environment, Forest and Climate Change
- B. Ministry of Statistics and Programme Implementation
- C. Ministry of Finance
- D. Ministry of Agriculture



- ✓ **The Ministry of Statistics and Programme Implementation released the 7th issue of "EnviStats India 2024: Environment Accounts."** EnviStats covers information on natural resources, environmental degradation, and government efforts for management. It follows the System of Environmental-Economic Accounting (SEEA) framework for compiling environmental accounts.
- ✓ **Coverage of mangroves increased by about 8% from 2013 to 2021. There has been a 72% increase in the number and a 16% increase in the area of protected lands from 2000 to 2023. The report also updates the Soil Nutrient Index using Soil Health Card data for 2023-24.**

5. Which country hosts the 9th edition of ICC women's T20 World Cup?

- A. Australia
- B. UAE
- C. England
- D. India



- ✓ **The 9th ICC Women's T20 World Cup started in Sharjah, UAE. The tournament runs from October 3rd to 20th, with ten teams participating. India is in Group A with Australia, New Zealand, Pakistan, and Sri Lanka. Group B includes Bangladesh, England, Scotland, South Africa, and West Indies. India, led by Harmanpreet Kaur, seeks its first-ever ICC title in this event.**

6. Recently, the Prime Minister of India inaugurated 'Banjara Virasat Museum' in which state?

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



- ✓ **Prime Minister Narendra Modi inaugurated the Banjara Virasat Museum in Pohardevi, Washim, Maharashtra, highlighting the Banjara community's heritage. The four-story Banjara Virasat Museum showcases the rich heritage of the Banjara community through portraits of their leaders and historical legacies.**

7. New species of potter wasp, *Pseumenes siangensis*, was discovered in which northeastern state?

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



- ✓ Entomologists discovered a new species of potter wasp in Arunachal Pradesh, named *Pseumenes siangensis*. It belongs to the genus *Pseumenes* within the subfamily Eumeninae and is mainly found in the Oriental region. These solitary wasps build small, pot-like mud nests for their larvae. The species was found in the Upper Siang District and named after Siang Valley, Arunachal Pradesh. At 30.2 mm in length, it has unique features and plays a role in controlling pest populations by feeding on caterpillars and insects.

8. Which organization has formulated a National Agriculture Code (NAC)?

- A. National Bank for Agriculture and Rural Development (NABARD)
- B. Indian Council of Agricultural Research (ICAR)
- C. Bureau of Indian Standards (BIS)
- D. Ministry of Agriculture



- ✓ The Bureau of Indian Standards (BIS) is developing a National Agriculture Code (NAC) similar to the National Building and Electrical Codes. The NAC will cover the entire agriculture cycle, from crop selection to post-harvest operations. It will have two parts: general principles for all crops and crop-specific standards for paddy, wheat, oilseeds, and pulses. It aims to guide farmers, universities, and officials in agriculture. It will support quality standards, decision-making, and capacity building in Indian agriculture.

9. Which state recently launched a new governance model called the "co-district" initiative?

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

অসম চৰকাৰ



GOVERNMENT OF ASSAM

- ✓ Assam has launched the "co-district" initiative, a new governance model that replaces the traditional civil sub-division system. Co-district commissioners will have the same powers as district commissioners for more localized control. It is the first initiative of its kind in India, aiming to decentralize administration and improve accessibility to governance.

10. Recently, the third 25T Bollard Pull (BP) Tug, Ashva was launched in which city?

- A. Visakhapatnam
- B. Mumbai
- C. Kolkata
- D. Chennai



- ✓ **The Third 25T Bollard Pull Tug, named Ashva, was launched on October 3, 2024, in Kolkata. Ashva is part of the Government of India's "Make in India" initiative. It was built following the Indian Register of Shipping (IRS) classification rules. The tug will boost the Indian Navy's operational capabilities, aiding in critical tasks and enhancing maritime support infrastructure.**

11. Where was the "Drought Resilience +10 Conference 2024" held?

- A. Geneva, Switzerland
- B. Paris, France
- C. London, United Kingdom
- D. New Delhi, India



- ✓ **The Drought Resilience+10 (DR+10) Conference, held from September 30 to October 2, 2024, in Geneva, Switzerland, focused on enhancing global drought preparedness and resilience. It marked a decade since the first High-Level Meeting on National Drought Policy and brought together policymakers, experts, and practitioners to discuss advancements in drought management.**
- ✓ **With droughts becoming more frequent due to climate change, the conference emphasized the need for effective policies and global mechanisms to address systemic drought risks and promote sustainable development.**

12. India recently signed an MoU with which country to enhance supply chains for critical minerals?

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



- ✓ **India and the USA have signed a new memorandum of understanding (MoU) to expand and diversify critical minerals supply chains, aiming to leverage their complementary strengths for resilience in the sector. This agreement focuses on equipment, services, policies, and best practices for the commercial development of critical minerals exploration and processing. The MoU is part of broader efforts to enhance innovation ecosystems and secure supply chains in semiconductors and clean energy, following discussions held during the 6th US-India Commercial Dialogue in October 2024.**

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1. What type of missile is "VSHORADS", developed by DRDO?

- A. Airborne Warning and Control System
- B. Man-portable air-defence system (MANPADS)
- C. Terminal High Altitude Area Defence System (THAAD)
- D. None of the above



- ✓ DRDO completed development trials of the 4th Generation Very Short-Range Air Defence System (VSHORAD) with three successful tests at Pokhran, Rajasthan. VSHORAD is a Man Portable Air Defence System (MANPAD) designed to neutralize low-altitude aerial threats at short ranges. It was developed by DRDO's Research Centre Imarat, Hyderabad, with industry partners. The missile features advanced technologies like a miniaturised Reaction Control System (RCS) and integrated avionics, and is propelled by a dual-thrust solid motor.

2. Which organization recently prepared the "Business-Ready Index"?

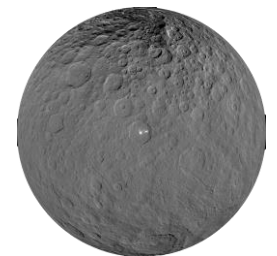
- A. UNDP
- B. World Bank
- C. IMF
- D. WEF



- ✓ India is aligning its state business readiness rankings with the new World Bank B-READY index. The B-READY (Business-Ready Index) replaces the discontinued Ease of Doing Business rankings.
- ✓ It assesses the business environment of global economies based on regulatory framework, public services, and efficiency. Key areas include digitalization, environmental sustainability, and gender equality. The index evaluates ten parameters across a business's lifecycle, from starting to closing. Global institutions and companies will use it to assess a country's regulatory and policy environment.

3. 'Ceres' is recently classified as what type of celestial body?

- A. Dwarf planet
- B. Asteroid
- C. Comet
- D. Moon



- ✓ Ceres was reclassified from an asteroid to a dwarf planet due to its mass. Recent studies by Purdue University and NASA revealed that its crust is likely composed of 90% ice, suggesting a history as a watery world. The findings are based on data from NASA's Dawn mission, which provided insights into Ceres' cratered surface and icy composition.

4. Bodo Napham and Bodo Ondla, which have received the Geographical Indications tag, are from which state?

- A. Mizoram
- B. Assam
- C. Odisha
- D. Jharkhand



- ✓ The Geographical Indications Registry in Chennai has granted GI tags to eight products from Assam, including Bodo Napham and Bodo Ondla. Bodo Napham is a fermented fish dish prepared anaerobically over two to three months. Bodo Ondla is a rice powder curry seasoned with garlic and ginger. The other six products are Bodo Jou Gwran, Maibra Jou Bidwi, Bodo Jou Gishi, Bodo Gwkha, Bodo Narzi and Bodo Aronai.

5. 'SIPCOT' is an industrial park of which state?

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



SIPCOT
Govt. of Tamilnadu

- ✓ SIPCOT, or the State Industries Promotion Corporation of Tamil Nadu, was established in 1971 to foster industrial growth in Tamil Nadu. With 50 industrial parks, it has facilitated over 3,290 industrial units and generated millions of jobs. The initiative aims to enhance the state's economy, targeting a \$1 trillion economy by 2030. SIPCOT focuses on sector-specific parks, innovation centers, and sustainable housing for workers.

6. WHO has recently approved the Alinity m MPXV assay, a real-time PCR diagnostic test for which virus?

- A. Mpox
- B. Zika
- C. Dengue
- D. Ebola



- ✓ The World Health Organization (WHO) approved the Alinity m MPXV assay, a real-time PCR test for mpox. This test detects the virus using swabs from skin lesions, providing immediate results. It helps health workers confirm suspected mpox cases quickly, aiding outbreak control. The Alinity m MPXV assay is the first mpox test on the WHO's Emergency Use Listing (EUL) for faster availability during health emergencies. Mpox is a viral zoonotic disease that spreads through human contact and infected animals.

7. Which state government has instituted the 'Adi Gaurav Samman' award?

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



- ✓ **President Droupadi Murmu attended the first Adi Gaurav Samman Samaroh in Mangarh Dham, Rajasthan, on October 4, 2024. The Rajasthan government established the Adi Gaurav Samman award, which has three categories: Aadiratna, Adi Seva, and Aadi Grammotthan Gaurav Samman.**
- ✓ **Aadiratna Gaurav Samman awards Scheduled Tribe members excelling in sports, education, and culture. Adi Seva Gaurav Samman recognizes exemplary service for Scheduled Tribes. Aadi Grammotthan Gaurav Samman rewards Gram Panchayats, Panchayat Samitis, and Zilla Parishads for socio-economic improvements.**

8. Which of the following are top four countries in terms of their forex reserves as of October 2024?

- A. China, Japan, Switzerland and India
- B. US, Australia, France and Russia
- C. Ukraine, New Zealand, Bangladesh and Myanmar
- D. UAE, Maldives, Singapore and Indonesia



- ✓ **India's forex reserves recently surpassed \$700 billion for the first time, making it the fourth country to do so after the other three. In 2024, India's forex reserves have increased by \$87.6 billion, which is more than the increase of nearly \$62 billion in the entire previous year. As of October 2024, the top four countries with the highest foreign exchange reserves (forex) are: China, Japan, Switzerland, and India.**

9. When is National Wildlife Week 2024 observed?

- A. September 1-7
- B. October 2-8
- C. November 10-16
- D. December 20-26



- ✓ **National Wildlife Week 2024 in India was celebrated from October 2 to 8, with the theme "Safeguarding Our Natural Heritage." The event was first commemorated in 1957, having evolved from Wildlife Day, which was observed in 1955. It was established by the Indian Board of Wildlife in 1952. It aimed to raise awareness about wildlife protection. Wildlife Week has since become an annual event focused on promoting conservation and highlighting India's rich biodiversity.**

10. Which state government has recently launched “Nijut Moina Scheme” for girls education?

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



- ✓ The Assam government has launched the ‘Nijut Moina’ scheme to combat child marriage and support girl students in pursuing higher studies. The scheme provides monthly stipends: Rs 1,000 for Classes 11-12, Rs 1,250 for degree students, and Rs 2,500 for post-graduate students. To qualify, students must attend classes regularly, demonstrate discipline, perform well in exams, and delay marriage until after completing their post-graduation. This initiative aims to empower girls and promote education in Assam.

11. Which day is observed as “World Cotton Day”?

- A. 6th October
- B. 7th October
- C. 8th October
- D. 9th October



- ✓ World Cotton Day is celebrated annually on 7th October to highlight cotton’s global significance. The day raises awareness about the challenges faced by cotton farmers and the cotton industry. Cotton is used not only in textiles but also for animal feed, medical supplies, and edible oil. India is the second-largest cotton producer globally, after China.

12. India hosts ‘Malabar Naval Exercise 2024’ in which city?

- A. Mumbai
- B. Visakhapatnam
- C. Chennai
- D. Kochi



- ✓ India hosts the joint naval exercise of Quad nations from October 8 to 18 in Visakhapatnam. The exercise, named Malabar 2024, includes sea and harbor phases focusing on cooperation in the Indo-Pacific region. It features various Indian naval platforms, such as guided missile destroyers, submarines, and fighter aircraft. The Malabar exercise started in 1992 as a US-India drill and evolved into a multilateral event to enhance interoperability and address maritime challenges.

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1. What is the theme of "World Space Week 2024", celebrated from October 4th to 10th?

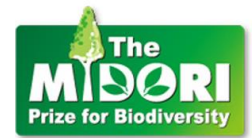
- A. Space and Climate Change
- B. Space and Sustainability
- C. Women in Space
- D. The Moon: Gateway to the Stars



- ✓ **World Space Week is celebrated from October 4 to 10, 2024. Each year, it follows a theme set by the United Nations General Assembly. The theme for 2024 is "Space and Climate Change." This theme highlights the role of space science and technology in addressing extreme weather and climate change. It aims to educate and inspire people about how space exploration can improve our understanding and management of Earth's climate. It focuses on the partnership between space technology and climate science for a better future.**

2. Who have been awarded the MIDORI Prize for Biodiversity 2024?

- A. Vera Voronova and Ysabel Agustina Calderón Carlos
- B. Jane Goodall and David Attenborough
- C. Assad Serhal and Alfred Oteng-Yeboah
- D. Kathy MacKinnon and Greta Thunberg



- ✓ **The MIDORI Prize for Biodiversity 2024 has been awarded to Vera Voronova from Kazakhstan and Ysabel Agustina Calderón Carlos from Peru. The prize was established by the AEON Environmental Foundation in collaboration with the Convention on Biological Diversity (CBD). It recognizes individuals for their significant contributions to biodiversity conservation and sustainability. The award is given biennially, every two years.**

3. Rare brown vine snake recently spotted in which wildlife park of Uttar Pradesh?

- A. Dudhwa National Park
- B. Hastinapur Wildlife Sanctuary
- C. Kishanpur Sanctuary
- D. None of the above



- ✓ **According to recent reports, a rare brown vine snake has been spotted in Dudhwa National Park in Uttar Pradesh. It emerged as a species never previously documented in the wildlife history of Dudhwa National Park or the entire state of Uttar Pradesh. This is the second remarkable reptile discovery in Dudhwa, following the rediscovery of the rare red coral Khukri snake in 2019.**

4. Lipulekh Pass is located near the trijunction of which countries?

- A. India, Myanmar and Bangladesh
- B. India, Nepal and China
- C. India, Bhutan and China
- D. China, Bhutan and Nepal



- ✓ Pilgrims recently had the first-ever view of the sacred Kailash peak from the Old Lipulekh pass in Indian territory. Lipulekh Pass is a high-altitude pass in Uttarakhand, near the trijunction of India, Nepal, and China, at 5,334 meters. It links Uttarakhand with Tibet and serves as a gateway to the Himalayas. It is situated in Vyas Valley, Pithoragarh. It opened for trade with China in 1992. It has ancient trade significance and is part of the Kailash Mansarovar Yatra, a sacred Hindu pilgrimage to Mount Kailash, believed to be Lord Shiva's abode.

5. Who was elected as the Chairperson of the 77th session of the WHO's Regional Committee for Southeast Asia?

- A. Rajnath Singh
- B. JP Nadda
- C. Anupriya Patel
- D. Jadhav Prataprao



- ✓ Union Health Minister JP Nadda was elected Chairperson of the 77th session of WHO's Regional Committee for Southeast Asia. The committee shapes WHO's health policies in the region. The three-day session began in New Delhi and includes health ministers from Southeast Asian nations like Bangladesh, India, Indonesia, Sri Lanka, and others. The focus is on improving public health systems and addressing key epidemiological and demographic challenges.

6. How many medals won by India at ISSF Junior World Shooting Championship in Peru?

- A. 18
- B. 20
- C. 24
- D. 30



- ✓ Indian shooters dominated the ISSF Junior World Shooting Championship in Peru, winning 24 medals: 13 gold, 3 silver, and 8 bronze. Italy secured second place, while Norway came in third. On the final day, Deepak Dalal, Kamaljeet, and Raj Chandra won the men's 50m pistol team gold medal. The next major event is the ISSF World Cup Final in New Delhi, scheduled for Oct.13 to 18.

7. Dipa Karmakar, who recently announced her retirement, was associated with which sports?

- A. Gymnastics
- B. Badminton
- C. Hockey
- D. Tennis



- ✓ **Olympian and Commonwealth Games bronze medallist Dipa Karmakar announced her retirement from gymnastics. She was the first Indian female gymnast to gain international recognition. She narrowly missed a medal at the 2016 Rio Olympics, performing the Produnova vault.**
- ✓ **Dipa Karmakar won a bronze medal at the 2014 Commonwealth Games and gold at the 2018 World Cup in Turkiye. She also won gold at the 2024 Asian Women's Artistic Gymnastics Championships in Tashkent, Uzbekistan.**

8. Who were awarded the 2024 Nobel Prize in Physiology or Medicine for discovery of microRNA?

- A. Hans Clevers and Eric Topol
- B. Victor Ambros and Gary Ruvkun
- C. Stuart Orkin and Peter Barnes
- D. Paul Ridker and Francis Collins



- ✓ **The Nobel Prize in Physiology and Medicine 2024 has been awarded to scientists Victor Ambros and Gary Ruvkun. They were recognized for their discovery of microRNA and its role in post-transcriptional gene regulation. MicroRNA is crucial for regulating gene activity. The Nobel Assembly stated that their discovery is vital for understanding how organisms develop and function. The winners receive a prize of 11 million Swedish crowns, equivalent to about \$1.1 million.**

9. Hirakud Dam is built on which river?

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



- ✓ **The canal network connected to Hirakud Dam, a major project in eastern India, is set for renovation. Hirakud Dam is the longest dam in India and the longest earthen dam in the world, with a length of 25.79 km. It is built across the Mahanadi River, 15 km upstream of Sambalpur, Odisha. The dam creates the Hirakud Reservoir, the largest artificial lake in Asia, covering 746 sq. km. Inaugurated in 1957, it was India's first major post-independence multipurpose river valley project.**

10. 'Indian Air Force Day 2024' is celebrated on which day?

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



- ✓ Every year on October 8, India observes Indian Air Force Day to honor servicemen and pilots who sacrificed their lives for the nation. This year, the celebration marks the 92nd anniversary of the Indian Air Force. The event takes place at Marina Beach in Chennai. The theme for this year is "Bharatiya Vayusena: Saksham, Sashakt aur Aatmnirbhar," which translates to "Potent, Powerful, and Self-Reliant."

11. Kazakhstan establishes its first nuclear power station near which lake?

- A. Lake Alakol
- B. Lake Lemuria
- C. Lake Balkhash
- D. Lake Kryve



- ✓ Kazakhstan, the world's leading uranium producer, is considering its first nuclear power station to enhance energy capacity. The location, near Lake Balkhash, is significant due to past Soviet-era nuclear tests that exposed millions to radiation.

12. Which rare species of leopard has recently identified in Odisha?

- A. Snow Leopard
- B. Black Panther
- C. Arabian Leopard
- D. Javan Leopard



- ✓ Odisha has reported the presence of rare melanistic leopards, known as black panthers, in three forest divisions based on the All-Odisha Leopard Estimation-2024. This species is particularly vulnerable to poaching, and the state is taking measures to protect them. The survey revealed a total of 696 leopards in Odisha. Similipal Tiger Reserve, which houses lot of unique Royal Bengal tigers.

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1. What is the main objective of the Ni-Kshay Poshan Yojana?

- A. Offer free medical treatment for anaemia patients
- B. To ensure health care services to the disadvantaged group
- C. Offer incentives for nutritional support to TB patients
- D. Aims to reduce cardiovascular diseases



- ✓ **The Union Health Ministry has increased monthly nutrition support for TB patients under Ni-Kshay Poshan Yojana from Rs 500 to Rs 1,000. Ni-Kshay Poshan Yojana was launched in April 2018 under the National Health Mission. It is a direct benefit transfer (DBT) scheme under the National Tuberculosis Elimination Program (NTEP). The scheme aims to provide nutritional support to TB patients. All notified TB patients are eligible beneficiaries of the scheme.**

2. Which ministry recently launched Humsafar Policy in New Delhi?

- A. Ministry of Urban Development
- B. Ministry of Road Transport and Highways
- C. Ministry of Defence
- D. Ministry of Home Affairs



सड़क परिवहन
एवं राजमार्ग मंत्रालय
MINISTRY OF
ROAD TRANSPORT
AND HIGHWAYS

- ✓ **The Union Ministry of Road Transport and Highways launched the Humsafar Policy on 7 October 2024 in New Delhi. The policy was introduced by Nitin Gadkari in the presence of key officials. Humsafar Policy aims to improve travel convenience on National Highways and Expressways. It focuses on developing world-class facilities like eateries, fuel stations, and trauma centres along highways. Commuters will have access to well-maintained, hygienic services. Service provider details can be easily found on the NHAI's 'Rajmarg Yatra' app.**

3. Which organization recently published the "State of Global Water Resources Report"?

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



- ✓ **The State of Global Water Resources report 2023 reveals that it was the driest year for global rivers in over three decades. This annual report has been published by the World Meteorological Organization since 2021. It provides a detailed overview of water resources, drawing from various national and international sources. The last five years have seen widespread below-normal river flows and reservoir inflows.**
- ✓ **All glacier regions reported ice loss in 2023, marking the largest mass loss in 50 years. Over 600 gigatons of water were lost globally, and 3.6 billion people lack adequate water access. This figure is projected to rise to over 5 billion by 2050, indicating a failure to meet Sustainable Development Goal 6.**

4. Thirukurungudi Temples are located in which state?

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



- ✓ The Thirukurungudi Temples, including the Nambi Rayar Temple, Thirumalai Nambi Temple, and Anilswarar Temple, are situated in Tamil Nadu's Tirunelveli district. The Archaeological Survey of India (ASI) has recently documented inscriptions from these temples, dating back to the 9th Century during the Pandya period. These inscriptions reveal historical donations, including sheep for temple lamps and tax-free land for gardens, highlighting the region's rich cultural heritage and religious practices during the Vijayanagara reign.

5. World Association of Zoos and Aquariums (WAZA) recently suspended the membership of which zoological park in India?

- A. Delhi Zoo
- B. Kolkata Zoo
- C. Mumbai Zoo
- D. Lucknow Zoo



- ✓ The World Association of Zoos and Aquariums (WAZA) suspended the membership of the National Zoological Park, or Delhi Zoo. The decision was due to concerns over the poor conditions of the lone African elephant at the zoo. WAZA is the global umbrella organization for zoos and aquariums, established in 1935. It represents the zoo and aquarium community worldwide. The organization's mission focuses on animal care, environmental education, and global conservation.

6. What is the name of the online platform launched by the government for sharing experiences of retiring government employees?

- A. Suraksha
- B. Anubhav
- C. Nishchit
- D. Sankalp



- ✓ The Department of Pension & Pensioners' Welfare launched the online platform 'Anubhav' on Prime Minister Narendra Modi's direction. This platform allows retiring and retired government employees to share their work experiences. An Annual Awards Scheme was created in 2015 to encourage submissions, resulting in 10,886 published write-ups. So far, 78 outstanding write-ups have received 59 Anubhav Awards and 19 Jury Certificates.

- ✓ The National Anubhav Awards Scheme 2025 invites Central Government employees and pensioners to submit their write-ups for awards. For the first time, employees from Central Public Sector Undertakings will also be eligible to participate. The submission period for pensioners has been extended from one year to three years post-retirement.

7. Recently, the Red Panda Program of which zoological park has been selected as a finalist for the WAZA Conservation Award 2024?

- A. Padmaja Naidu Himalayan Zoological Park
- B. Nehru Zoological Park
- C. Nandankanan Zoological Park
- D. Chamarajendra Zoological Park



- ✓ Darjeeling's Padmaja Naidu Himalayan Zoological Park's Red Panda Program is a finalist for the 2024 WAZA Conservation Award. Between 2022 and 2024, nine captive-bred red pandas were released into Singalila National Park, West Bengal.
- ✓ The zoo collaborates with institutions and the government of India for habitat restoration. It has a Biobanking and Genetic Resource Facility to preserve gametes, tissues, and DNA of Red Pandas and other endangered species. The award winner will be announced at the 79th WAZA Annual Conference on 7th November in Taronga Zoo, Australia.

8. Indian wild ass (*Equus hemionus khur*) is primarily found in which state?

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



- ✓ The population of Indian Wild Ass (*Equus hemionus khur*) in Gujarat increased from 6,082 in 2020 to 7,672 in 2024, a rise of 26.14%. The khur is a subspecies of the Asiatic wild ass (*Equus hemionus*), also known as the onager. It is primarily found in the Little Rann of Kutch (LRK), Gujarat. Little Rann of Kutch is both a wetland and desert, and the khur is a generalist herbivore. It is solitary and shy, classified as endangered by IUCN and listed under Schedule I of the Wildlife Protection Act, 1972.

9. Which city is the venue of World Telecommunication Standardization Assembly (WTSA) 2024?

- A. New Delhi
- B. Chennai
- C. Coimbatore
- D. Kakinada



- ✓ The World Telecommunication Standardization Assembly (WTSA) takes place in New Delhi from October 14 to 24, 2024. WTSA has been held every four years since 2002 and is the governing conference of the ITU Standardisation Sector. It defines the work program and structure of study groups for telecommunication standardization. Hosting WTSA 2024 is a significant milestone for India in setting global telecommunication standards. The event will start with the Global Standards Symposium (GSS) on October 14, 2024, focusing on ICT standardization policy debates.

10. Which state government recently launched GREEN PLUS Scheme to enhance forest conservation?

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



- ✓ Meghalaya Chief Minister Conrad K Sangma launched the GREEN Meghalaya Plus (GMP) Scheme to enhance and conserve forest cover. The scheme aims to expand forest conservation by offering monetary rewards for protecting forested areas. It follows the Payment for Ecosystem Services (PES) principle, supporting individuals and communities committed to conserving natural forests for at least 30 years. This initiative is part of the state's PES program launched in 2022 and targets an additional 50,000 hectares for conservation.

11. Which country hosts the 21st ASEAN-India Summit and the 19th East Asia Summit?

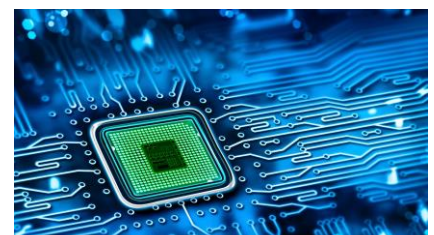
- A. Myanmar
B. Lao PDR
C. Malaysia
D. Indonesia



- ✓ The 21st ASEAN-India Summit and the 19th East Asia Summit are being hosted by Lao PDR, the current ASEAN Chair. India is celebrating a decade of its Act East Policy, with ASEAN relations as a key focus. The ASEAN-India Summit will assess the progress of their Comprehensive Strategic Partnership and discuss future cooperation. The East Asia Summit fosters strategic trust and allows leaders to discuss important regional issues. Prime Minister Modi is expected to hold bilateral meetings during the summits.

12. Which organization developed the Unified Genomic Chip?

- A. Indian Council of Agricultural Research (ICAR)
B. Department of Animal Husbandry and Dairying (DAHD)
C. Food Corporation of India
D. Ministry of Agriculture



- ✓ The Prime Minister of India recently launched an initiative named 'Unified Genomic Chip'. It aims to assist farmers in identifying high-quality cattle early and improving dairy farming efficiency in India. The Unified Genomic Chip has two versions: the 'Gau Chip' for cattle and the 'Mahish Chip' for buffalo. Developed by the Department of Animal Husbandry and Dairying, the chip helps farmers make informed decisions by identifying young, high-quality bulls early. It is designed specifically for Indian cattle breeds, enhancing the quality of livestock and the dairy sector.

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1. What is the name of the participatory forest management project in Kerala's Periyar Tiger Reserve?

- A. Vidiyal Vanapathukappu Sangam
- B. Marayoor Initiative
- C. Sandalwood Conservation Project
- D. Pulikal Pathukappu Amaippu



- ✓ **The participatory forest management project in Kerala's Periyar Tiger Reserve is called "Vidiyal Vanapathukappu Sangam" which translates to "The Dawn Forest Protection Group" and primarily involves former poachers and sandalwood smugglers turned protectors of the reserve. This project actively engages former poachers, providing them with alternative livelihoods like tourist guiding and anti-poaching activities. The project has been credited with significantly reducing poaching in the Periyar Tiger Reserve and safeguarding the area's sandalwood reserve.**

2. Which grassland in Karnataka was recently declared a conservation reserve?

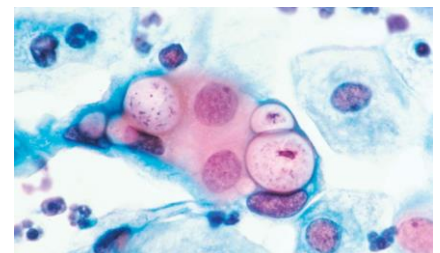
- A. Chitradurga Grassland
- B. Kolar Grassland
- C. Hesaraghatta Grassland
- D. Nagarhole Grassland



- ✓ **The Karnataka State Wildlife Board recently approved the declaration of Hesaraghatta grassland as the Greater Hesaraghatta Grassland Conservation Reserve. This decision aims to protect green spaces in Bengaluru amid urban expansion. The area encompasses 5,010 acres, including multiple lakes & forest areas. The move addresses long-standing demands for environmental conservation.**

3. What kind of infection is Trachoma, recently eliminated by India as a public health problem?

- A. Bacterial
- B. Fungal
- C. Viral
- D. Parasitic



- ✓ **The World Health Organisation (WHO) has announced that India has eliminated Trachoma as a public health problem. India is the third country in the South-East Asia Region to achieve this milestone. Trachoma is caused by the bacterium Chlamydia Trachomatis and affects the eyes.**
- ✓ **It spreads through contact with secretions from the eyes, eyelids, nose, or throat of infected individuals. If untreated, it can lead to irreversible blindness. It primarily affects communities in poor environmental conditions, with 150 million people worldwide at risk, including 6 million who are blind.**

4. Which state recently organized the Ustad Allauddin Khan Festival?

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



- ✓ **The Ustad Allauddin Khan Festival was recently organized in Madhya Pradesh. The festival is held in Maihar, Madhya Pradesh, and is dedicated to the renowned musician Ustad Allauddin Khan.**
- ✓ **The three-day event features performances by many renowned personalities from across the country. It is organized by the Madhya Pradesh Culture Department, Ustad Allauddin Khan Music and Art Academy, and the Maihar District Administration, running until October 10. Ustad Allauddin Khan was a prominent figure in music, known for his efforts to promote Madhya Pradesh's musical tradition and engage the younger generation.**

5. Who have been awarded the 2024 Nobel Prize in physics?

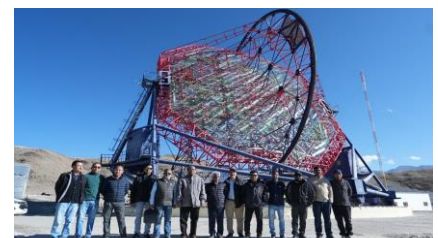
- A. Donald P. Schneider and Joel Nathan Butler
- B. John Hopfield and Geoffrey Hinton
- C. Subir Sarkar and Joss Bland- Hawthorn
- D. Max Planck and Richard Feynman



- ✓ **The 2024 Nobel Prize in Physics has been awarded to John Hopfield and Geoffrey Hinton for their groundbreaking work in machine learning with artificial neural networks. Machine Learning (ML) is a branch of artificial intelligence (AI) focused on creating systems that learn from data. ML enables systems to adapt and improve as they gain more experience. Algorithms in ML identify relationships and patterns in data, making predictions and classifying information.**

6. Recently, the MACE Observatory has been inaugurated in which state/UT?

- A. Ladakh
- B. Uttarakhand
- C. Himachal Pradesh
- D. Lakshadweep



- ✓ **The MACE Observatory was recently inaugurated by the Secretary of DAE and Chairman of the Atomic Energy Commission in Hanle, Ladakh. It is the largest imaging Cherenkov telescope in Asia and the world's highest, located at an altitude of about 4,300 meters. The Major Atmospheric Cherenkov Experiment (MACE) aims to enhance international collaborations and strengthen India's role in space research.**

- ✓ Indigenously built by the Bhabha Atomic Research Centre (BARC) with help from ECIL and other Indian industry partners, it will advance studies in astrophysics and particle acceleration. MACE will observe high-energy gamma rays, aiding global research on phenomena like supernovae, black holes, and gamma-ray bursts while supporting Ladakh's socio-economic development.

7. Which country is the host of World Pickleball Championship series?

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



- ✓ The All-India Pickleball Association (AIPA) will host the World Pickleball Championship (WPC) Series in India for the first time. The event is scheduled for November 12th to 17th, 2024, in Mumbai. It will feature top pickleball talent from around the world, following successful tournaments in Vietnam and Bali. Approximately 650 players from 6 to 7 countries, including Australia, Vietnam, Taiwan, Poland, and Singapore, will participate.

8. Which ministry has developed the National Maritime Heritage Complex at Lothal?

- A. Ministry of Defence
B. Ministry of Jal Shakti
C. Ministry of Ports, Shipping and Waterways
D. Ministry of Urban Development



- ✓ The Union Cabinet approved the National Maritime Heritage Complex at Lothal, Gujarat, on 9 October 2024. This complex will be developed in two phases at the ancient Indus Valley site of Lothal. It aims to be an international tourist destination showcasing India's maritime heritage from ancient to modern times. The Union Ministry of Ports, Shipping and Waterways, in collaboration with the Gujarat government, is overseeing the project under the Sagarmala scheme. Built on 400 acres, it will cost approximately Rs 4500 crore, with work beginning in March 2024.

9. Which virus has recently emerged in Rwanda with a high fatality rate?

- A. Mpox
B. Marburg
C. Ebola
D. Japanese encephalitis



- ✓ The Marburg virus, part of the filovirus family, is one of the deadliest pathogens, with case fatality rates ranging from 24% to 88%. The recent outbreak in Rwanda has already resulted in 12 deaths among 46 infections, predominantly affecting medical workers.

- ✓ Marburg spreads through direct contact with infected bodily fluids and contaminated materials. Initial symptoms include high fever and severe headache, progressing to hemorrhagic symptoms. Currently, there are no approved vaccines for this viral infection.

10. What is the name of second indigenous Survey Vessel recently inducted in Indian Navy?

- A. Nirdeshak
- B. Vikrant
- C. Kaveri
- D. Kalahari



- ✓ Recently, the Indian Navy received Nirdeshak, the second of four Survey Vessel ships, built at Garden Reach Shipbuilders & Engineers in Kolkata. Nirdeshak features over 80% indigenous content, reflecting the commitment to 'Aatmanirbhar Bharat.' These are the largest survey vessels in India, designed for comprehensive coastal and deep-water hydrographic surveys of ports and navigational channels. The ship will also gather oceanographic and geophysical data for both defense and civil applications.

11. Which day is observed as World Post Day?

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



- ✓ World Post Day is celebrated every year on October 9 to highlight the importance of the postal system in daily life, global communication, and economic growth. This year marks the 150th anniversary of the Universal Postal Union (UPU), established in 1874 in Bern, Switzerland, which transformed international mail exchange.
- ✓ The theme for this year, "150 Years of Enabling Communication and Empowering People Across Nations," honors the UPU's efforts to streamline international mail services and create a unified postal system for easier mail exchange between countries.

12. Which university has launched The Climate Institute to address environmental challenges?

- A. Lucknow University
- B. Ahmedabad University
- C. Mumbai University
- D. Madras University



- ✓ Ahmedabad University has launched The Climate Institute, focusing on research, education, and impact to address climate issues. The Institute is developing India's first comprehensive Climate, Energy, and Environmental education program for future leaders.
- ✓ It operates in three areas: Energy and Climate Change, Cities and Settlements, and Air and Water, promoting interdisciplinary research and partnerships to inform policy design and innovation.

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1. What is the theme of World Mental Health Day 2024?

- A. Mental Health at Work
- B. Mental Health in an Unequal World
- C. Make Mental Health & Well-being for All a Global Priority
- D. Mental Health for All



- ✓ **World Mental Health Day is observed on October 10 and was first initiated in 1992 by the World Federation for Mental Health. The day aims to raise awareness about mental health issues and support mental health care globally. It has become a significant platform for collaboration among governments, organizations, and individuals to promote lasting change in mental health care. The 2024 theme is "Mental Health at Work". It stresses the need for safe and inclusive work environments to promote mental well-being and support those in need.**

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

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



- ✓ **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. Europa Clipper is NASA's largest spacecraft, powered by solar panels, with a budget of \$5.2 billion.**

3. Agasthyamalai Bambootail belongs to which species?

- A. Damselfly
- B. Fish
- C. Spider
- D. Beetle



- ✓ **Researchers have discovered a new damselfly species named Agasthyamalai Bambootail in Manjadinnavila, Thiruvananthapuram, Kerala. This rare species belongs to the bambootail group, known for their long cylindrical abdomens resembling bamboo stalks. It was found in the Agasthyamalai landscape of the Western Ghats. The only other species in this genus is the Malabar Bambootail, located in Coorg-Wayanad.**

4. Which state is the host of 38th Summer National Games?

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



- ✓ Uttarakhand will host the 38th Summer National Games from January 28 to February 14, 2025, and the next Winter Games. The 37th National Games were held in Goa from September 25 to November 9, 2023. This will be the first time Winter Games are held outside Jammu & Kashmir and Ladakh. The National Games, organized by the Indian Olympic Association (IOA), aim to identify talent for the Summer Olympics. The first National Games were held in 1924 in Lahore, originally called the All-India Olympic Games.

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

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



- ✓ India's National Space Commission approved the Lunar Polar Exploration Mission (Lupex), India's fifth lunar mission. Lupex follows the success of Chandrayaan-3's Moon landing in August 2023, making India the fourth nation to land on the Moon. It is a joint mission between India's ISRO and Japan's JAXA, focusing on lunar resource exploration. The main objective is to study the presence and distribution of water on the Moon's surface and beneath its regolith.

6. Who have been awarded the 2024 Nobel Prize in Chemistry?

- A. Donald G. Truhlar and Tobin J. Marks
- B. Kulamani Parida and Parag R. Gogate
- C. David Baker, Demis Hassabis and John M
- D. Michael Gratzel and George M



- ✓ The 2024 Nobel Prize in Chemistry was awarded to David Baker, Demis Hassabis, and John M. Jumper for contributions to protein science. David Baker received the prize for computational protein design, creating entirely new proteins since 2003. Demis Hassabis and John Jumper were recognized for developing AlphaFold2, an AI model that predicts 3D protein structures. AlphaFold2 can predict the structure of nearly all 200 million identified proteins. These innovations are used in fields like pharmaceuticals, vaccines, and solving challenges like antibiotic resistance and plastic degradation.

7. IBSAMAR Exercise is recently conducted between which countries?

- A. Iran, Belarus and Serbia
- B. Ireland, Brunei and Sweden
- C. India, Brazil and South Africa
- D. Israel, Bangladesh and Senegal



- ✓ **INS Talwar arrived in South Africa for the eighth edition of exercise IBSAMAR. IBSAMAR is a joint maritime exercise involving India, Brazil, and South Africa. The exercise focuses on Blue Water Naval Warfare, covering Surface and Anti-Air Warfare.**
- ✓ **Activities include professional exchanges, firefighting drills, search-and-seizure operations, diving, aviation safety, and ocean governance seminars. The exercise strengthens naval interoperability, builds mutual trust, and fosters cooperation among like-minded nations for peaceful maritime environments.**

8. Which day is observed as National Postal Day every year?

- A. October 09
- B. October 10
- C. October 11
- D. October 12



- ✓ **India celebrates National Postal Day on October 10th each year. The day honors the Indian Postal Service and its role in connecting the nation. It commemorates the service's founding by the East India Company on October 10, 1854. The Indian Postal Service has grown into one of the world's largest networks. It has evolved from simple mail delivery to providing a wide range of services to millions across the country.**

9. Which state became the first in India to launch a state-of-the-art e-registry system named Sampada 2.0?

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



- ✓ **Madhya Pradesh has become the first state in India to fully digitalize document registration with its new e-registry system, Sampada 2.0. This advanced version of the software and mobile app allows document registration to be completed online, eliminating the need for physical visits to Sub-Registrar offices. The process is now completely digital, secure, and paperless, making it more convenient and hassle-free for users.**

10. Which organization recently released the Living Planet Report?

- A. World Wide Fund
- B. World Bank
- C. United Nations Development Programme
- D. United Nations Environment Programme



- ✓ **The World Wildlife Fund (WWF) released its latest biennial 'Living Planet' report. Wildlife populations have dropped by 73% over the last 50 years (1970–2020). Freshwater species faced the largest declines, followed by terrestrial and marine populations. Main reasons for this decline include habitat loss, climate change, and invasive species. Andhra Pradesh's Community-Managed Natural Farming (APCNF) shows positive socio-economic impacts. India's millet mission received praise for promoting nature-positive food production.**

11. India won which medal at Asian Table Tennis Championship 2024?

- A. Gold
- B. Silver
- C. Bronze
- D. None of the above



- ✓ **India's men's team won the bronze medal at the 2024 Asian Table Tennis Championships after losing 3-0 to Chinese Taipei in the semi-finals. This is India's third consecutive bronze in the men's team event, following 2021 and 2023. India has won a total of seven bronze medals at the Asian Table Tennis Championships.**

12. What is the theme of World Habitat Day 2024?

- A. Engaging youth to create a better urban future
- B. Resilient urban economies
- C. Mind the Gap: Leave No one and Place Behind
- D. Accelerating Urban Action for a carbon-free world



- ✓ **World Habitat Day was first observed in 1985, celebrated on the first Monday in October. The Global Observance of World Habitat Day is observed on 7 October this year. It highlights the right to decent and safe housing for everyone. The 2024 theme is "Engaging youth to create a better urban future," focusing on the opportunities and challenges of rapid urban growth.**

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1. Where was the first phase of Army Commanders' Conference 2024 organized?

- A. Dehradun
- B. Gangtok
- C. Kohima
- D. Shillong



- ✓ **The first phase of the Second Army Commanders' Conference for 2024 was held in a hybrid mode in Gangtok, Sikkim. This two-day conference served as a forum for senior commanders to review operational preparedness, discuss strategies, and outline future directives. The second phase of the conference will take place in Delhi on October 28-29.**

2. Who has been awarded the Nobel Prize in Literature 2024?

- A. Gabriel Garcia
- B. Alexander Pushkin
- C. Han Kang
- D. Haruki Murakami



- ✓ **South Korean author Han Kang won the 2024 Nobel Prize in Literature. She is the first Korean to receive this honor. Her work is known for its "intense poetic prose" that addresses historical traumas and the fragility of life. Notable works include The Vegetarian (Man Booker International Prize winner in 2016), The White Book, Human Acts, and Greek Lessons.**

3. Which ministry launched Yuva Sangam Portal?

- A. Ministry of Defence
- B. Ministry of Education
- C. Ministry of Youth Affairs and Sports
- D. Ministry of Women and Child Development

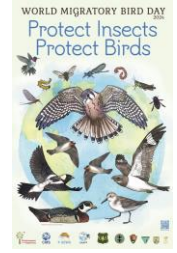


युवा कार्यक्रम
एवं खेल मंत्रालय
MINISTRY OF
**YOUTH AFFAIRS
AND SPORTS**

- ✓ **The Ministry of Education launched the registration portal for the fifth phase of Yuva Sangam under Ek Bharat Shreshtha Bharat. Yuva Sangam aims to strengthen connections between youth from different states and union territories. Participants aged 18 to 30 can register on the portal.**
- ✓ **The registration deadline is the 21st of this month. During the Yuva Sangam tours, participants will receive exposure in five areas: Paryatan (Tourism), Parampara (Tradition), Pragati (Progress), Paraspar Sampark (Interconnection), and Prodyogiki (Technology) over 5-7 days.**

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

- A. Sing, Fly, Soar – Like a Bird
- B. Dim the Lights for Birds at Night
- C. Protect Insects, Protect Birds
- D. Water: Sustaining Bird Life



- ✓ **World Migratory Bird Day is a global campaign to promote international cooperation for the conservation of migratory birds. In 2024, it is celebrated on 11 May and 12 October, reflecting bird migrations in different hemispheres. The 2024 theme is “Protect Insects, Protect Birds.” The day raises awareness about the role insects play in supporting bird survival and urges action for their protection.**

5. What is the name of the data repository that the Reserve Bank of India is planning to create for climate-related data?

- A. Reserve Bank Climate Risk Information System (RB-CRIS)
- B. Reserve Bank Climate Action System (RB-CAS)
- C. Reserve Bank Environment Data Repository (RB-EDR)
- D. Reserve Bank Green Data Hub (RB-GDH)



- ✓ **RBI proposed the Reserve Bank Climate Risk Information System (RB-CRIS) to bridge gaps in climate-related data. Current climate data is fragmented, from varied sources, formats, and frequencies. RB-CRIS will have two parts: a public web directory of data sources and a data portal with standardized datasets. RBI will launch RB-CRIS in phases, starting with the directory, followed by the portal for regulated entities.**

6. Which day is observed as the International Day for Disaster Risk Reduction (IDDR) annually?

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



- ✓ **The International Day for Disaster Risk Reduction (IDDR) is celebrated annually on October 13. The day was established in 1989 to promote a global culture of disaster reduction and risk-awareness. It celebrates the efforts of communities and people around the world to reduce their exposure to disasters.**

7. Which ministry has designated Hizb-ut-Tahrir (HuT) as a terrorist organization?

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



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS

सत्यमेव जयते

- ✓ **The Union Ministry of Home Affairs (MHA) has designated Hizb-ut-Tahrir (HuT) as a terrorist organization under the Unlawful Activities (Prevention) Act (UAPA). The group seeks to establish a global Islamic state and Caliphate through terrorism, posing a significant threat to India's national security. HuT has been involved in radicalizing youth and promoting terrorism via social media, making it a serious concern for the Indian government.**

8. What is the primary objective of fortified rice initiative?

- A. Combat malnutrition
- B. Increase rice exports
- C. Increase rice imports
- D. None of the above



- ✓ **The Union cabinet, led by PM Modi, approved the continuation of fortified rice distribution under all government schemes, including Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY), from July 2024 to December 2028. The initiative is fully funded by the Centre, providing a unified mechanism for implementation.**
- ✓ **India faces high malnutrition levels, especially among women and children, with widespread deficiencies in iron, Vitamin B12, and folic acid. The National Family Health Survey (NFHS-5) shows high anaemia rates, with every second woman anaemic and every third child stunted. Rice, a staple food in India, is ideal for fortification to address malnutrition and improve health.**

9. Which organization recently released All India Rural Financial Inclusion Survey (NAFIS) for 2021-22?

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



- ✓ **NABARD's second All India Rural Financial Inclusion Survey (NAFIS) for 2021-22 surveyed 1 lakh rural households across India post-COVID. The average monthly income of households rose by 57.6% from Rs 8,059 in 2016-17 to Rs 12,698 in 2021-22, with a 9.5% CAGR. Agricultural households earned Rs 13,661, while non-agricultural households earned Rs 11,438.**

- ✓ Salaried employment was the largest income source for all households (37%). For agricultural households, cultivation made up one-third of income, while government/private services contributed one-fourth. Non-agricultural households relied primarily on government/private services (57%) and wage labor (26%).

10. Tele-MANAS Initiative is associated with which field?

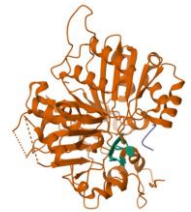
- A. Agriculture
- B. Mental health
- C. Education
- D. Sports



- ✓ The Ministry of Health & Family Welfare observed World Mental Health Day and celebrated two years of Tele MANAS. This year's theme is "It is time to prioritize Mental Health at Workplace." Tele MANAS aims to provide universal access to affordable mental health care through 24/7 tele-mental health services across India.

11. Which research institution recently identified TDP1 (Tyrosyl-DNA phosphodiesterase 1) as a promising target for cancer treatment?

- A. IISc, Bengaluru
- B. Indian Association for the Cultivation of Science, Kolkata
- C. AIIMS, Delhi
- D. TATA Memorial Hospital, Mumbai



- ✓ Scientists at the Indian Association for the Cultivation of Science in Kolkata have found a new target for cancer treatment by activating a DNA repair enzyme called TDP1. TDP1, or Tyrosyl-DNA phosphodiesterase 1, is essential for DNA repair in humans as it removes damaged DNA bases. This discovery opens a promising path for precision medicine in cancer treatment, particularly for cancers that are resistant to existing therapies.

12. A Brahmi inscription was recently discovered in which district of Andhra Pradesh?

- A. Palnadu
- B. Nellore
- C. Guntur
- D. Kurnool



- ✓ A Brahmi inscription has been discovered in Dharanikota village, Amaravathi mandal, Palnadu district, Andhra Pradesh. The inscription is in the Prakrit language and uses Brahmi characters dating back to the 2nd century CE. Brahmi is one of the oldest known Indian scripts, originating from the Mauryan Period. It is the foundation for most current Indian scripts, including Tamil, Devanagari, Bengali and Malayalam.

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1. Which organization released the South Asian Development Update report?

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



- ✓ The World Bank released the South Asian Development Update report, indicating that output growth in South Asia will exceed that of other emerging market regions. Climate change is exposing South Asia to extreme heat, floods, and other weather-related shocks, with smaller firms in India being particularly vulnerable. Female labor force participation in the region is low at 32%, highlighting the potential for income growth through gender equity. Bhutan's economy is projected to grow by 7.2% in FY25.

2. Which coalfield in Jharkhand has been identified as having high potential for coal bed methane generation?

- A. Jharia coalfield
- B. South Karanpura coalfield
- C. Giridih coalfield
- D. Auranga coalfield



- ✓ A study by scientists from the Birbal Sahni Institute of Palaeosciences in Lucknow found significant potential for hydrocarbon generation in the eastern South Karanpura coalfield in Jharkhand. The research used microscopic palynomorph analysis and geochemical assessments, showing the eastern Sirka coalfield has more hydrocarbon potential than the Giddi coalfield. The South Karanpura coalfield has 28 major coal blocks and is vital for India's energy sector.

3. India has recently launched the 'Study in India' campaign in which city of UAE?

- A. Dubai
- B. Abu Dhabi
- C. Sharjah
- D. Al Ain



- ✓ India launched the 'Study in India' campaign at the 20th International Education Show in Sharjah to attract international students to its universities. Organized by EdCIL, the campaign aims to position India as a global education hub, showcasing over 590 universities offering diverse courses and benefits like scholarships. The centralized Study in India portal simplifies admissions, helping students explore programs, apply, and manage visas in one place. The program has attracted over 69,000 students for the 2024-25 academic year, with 4,000 already in India.

4. Wayanad Wildlife Sanctuary is located in which state?

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



- ✓ A recent two-day vulture survey in Wayanad Wildlife Sanctuary recorded 80 vultures across nine locations. Wayanad Wildlife Sanctuary is located in Kerala, within the southern part of the Western Ghats. It is part of the Nilgiri Biosphere Reserve, a UNESCO World Heritage Site. The sanctuary is bordered by protected areas like Nagarhole and Bandipur in Karnataka and Mudumalai in Tamil Nadu. Several adivasi tribes, including Paniyas, Kattunaikkans, Kurumas, Ooralis, Adiyans, and Kurichiyas, live in these forests.

5. Recently, the Army Chief launched 'Agniastra' multi-target detonation device in which city?

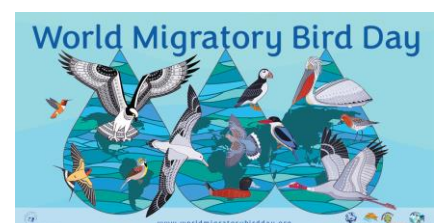
- A. New Delhi
- B. Gangtok
- C. Kohima
- D. Shillong



- ✓ Army Chief General Upendra Dwivedi unveiled 'Agniastra,' a multi-target detonation device, at the Army Commanders Conference in Gangtok. It improves room interventions and bunker destruction, aiding counter-terrorism operations. The device, known as WEDC, enhances safety and reliability over the older one which had a limited range of 400 meters.
- ✓ The new microprocessor-based detonation system, developed by Major Rajprasad, operates in both wired and wireless modes with a range of 2.5 km. It allows selective and simultaneous firing of multiple targets, making it highly effective for safe demolition operations.

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

- A. Protect Insects, Protect Birds
- B. Water: Sustaining Bird Life
- C. Dim the Lights for Birds at Night
- D. Sing, Fly, Soar – Like a Bird



- ✓ World Migratory Bird Day is a global campaign to raise awareness about conserving migratory birds. It emphasizes the importance of international cooperation for their protection. In 2024, it was celebrated on 11 May and 12 October, marking the seasonal migrations in both hemispheres. The 2024 theme is "Protect Insects, Protect Birds."

7. Where was the India Digital Agri Conference 2024 organized?

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



- ✓ **The India Digital Agri Conference 2024, co-organized by ICFA and IIT Ropar, was held in New Delhi. The mission aims to empower farmers with real-time information for better decision-making and boost rural livelihoods. The event emphasized using technology and collaboration to innovate traditional farming, promote sustainability, and build climate-resilient systems.**

8. Which day is observed as World Arthritis Day annually?

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



- ✓ **World Arthritis Day is observed on October 12 to raise awareness about arthritis and rheumatic diseases. It aims to improve understanding of these conditions and their impact on daily life. The focus is on early diagnosis, self-management, and access to proper treatment. The theme for 2024 is "Informed Choices, Better Outcomes".**

9. Taurus Missile is jointly developed by which countries?

- A. Russia and China
- B. Germany and Sweden
- C. Myanmar and Nepal
- D. France and India



- ✓ **As Ukraine seeks Taurus missiles to counter Russia, the South Korean Air Force conducted a live fire drill with the German-origin Taurus missile. The Taurus missile is a precision-guided, long-range air-to-surface cruise missile developed in the mid-1990s by German and Swedish companies. It can strike stationary and semi-stationary targets with high accuracy. Weighing 1,400 kg and about 5.1 meters long, it can be launched from various platforms.**

10. What is the name of the memorial inaugurated for soldiers who died in Sikkim's flash floods?

- A. Prerna Sthal
- B. Veer Smarak
- C. Amar Jawan Jyoti
- D. None of the above



- ✓ The 'Prerna Sthal' memorial in Sikkim, inaugurated by Defence Minister Rajnath Singh, honors 22 soldiers who lost their lives in the October 2023 glacial lake outburst at South Lhonak Lake. The memorial symbolizes their courage and sacrifice, aiming to inspire national pride. Similar to the National War Memorial in New Delhi, it serves as a tribute to fallen heroes, fostering unity and remembrance across generations.

11. What is the name of the Japanese organization that was recently awarded the 2024 Nobel Peace Prize?

- A. Tianshui Association
 B. Nihon Hidankyo
 C. Sompo Welfare Foundation
 D. Japanese Council of Social Welfare



- ✓ Nihon Hidankyo, the Japanese organization of atomic bomb survivors, was awarded the 2024 Nobel Peace Prize for its efforts to eliminate nuclear weapons and raise awareness about the humanitarian consequences of their use. The group, representing the Hibakusha, has played a crucial role in the global movement for nuclear disarmament since its founding in 1956.

12. Bathukamma festival is mainly celebrated in which state?

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



- ✓ Bathukamma is a festival celebrated in the state of Telangana and some parts of Andhra Pradesh. It is a floral festival that celebrates the beginning of the Sarad or Sharath Routhu season. It is celebrated for nine days during Durga Navratri, usually in September or October. Bathukamma is a symbol of Telangana's cultural identity and is celebrated with vibrant flowers, songs, and communal harmony.

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1. What is the primary objective of Space Based Surveillance (SBS) mission?

- A. Space Exploration
- B. Better land and maritime domain awareness for civilian and military applications
- C. Satellite communication improvement
- D. Navigation assistance

- ✓ **The Cabinet Committee on Security approved phase III of the Space Based Surveillance (SBS) mission for enhanced land and maritime awareness for civilian and military use. The National Security Council Secretariat and Defence Space Agency are handling the project.**
- ✓ **SBS 1 began in 2001 with the launch of four surveillance satellites; SBS 2 followed in 2013 with six satellites. SBS 3 will see India launch 52 satellites in the next decade, costing Rs 26,968 crore. ISRO will launch 21 satellites, and private companies will launch 31, with dedicated satellites for the Army, Navy, and Air Force.**

2. What is the rank of India in the 2024 Global Hunger Index?

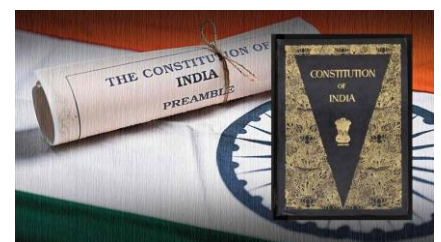
- A. 102
- B. 103
- C. 104
- D. 105



- ✓ **India ranks 105th out of 127 countries in the 2024 Global Hunger Index (GHI), with a score of 27.3, placing it in the 'serious' category. Despite its economic growth, India lags behind several South Asian neighbors in tackling hunger and malnutrition. The GHI measures and tracks hunger globally, regionally, and nationally, reflecting various dimensions of hunger. Created in 2006, it was initially published by IFPRI and Welthungerhilfe; now co-published by Welthungerhilfe and Concern Worldwide.**

3. What is the name of the campaign announced to commemorate the 75th anniversary of the Indian Constitution?

- A. Constitution Awareness Drive
- B. Constitution Glorification Campaign
- C. Democratic Ideals Program
- D. None of the Above



- ✓ **Union Minister Kiren Rijju announced a "Constitution Glorification Campaign" for the 75th anniversary of the Indian Constitution on November 26. The campaign will take place in every village across the country. Its goal is to raise awareness about the Constitution, its significance, and the Assembly debates. The initiative aims to highlight how the government has strengthened the Constitution. The campaign will be managed by the Union Ministry of Culture.**

4. Where was the 149th assembly of the Inter-Parliamentary Union held?

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



Inter-Parliamentary Union
For democracy. For everyone.

- ✓ A parliamentary delegation attended the 149th Assembly of the Inter-Parliamentary Union (IPU) in Geneva. The assembly focused on harnessing science, technology, and innovation for a peaceful and sustainable future. The delegation participated in meetings of the IPU's governing council, the highest decision-making body. They met counterparts from other parliaments during the assembly. The delegation also interacted with the Indian diaspora in Geneva. The IPU included 180 member parliaments and 15 associate members from both large and small countries.

5. Which state has become the third state to conduct a caste-based census?

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



- ✓ The Telangana government has started a comprehensive household caste survey to ensure fair resource distribution among all communities. This makes Telangana the third state to conduct a caste-based headcount, following Andhra Pradesh and Bihar. The survey aims to plan and implement various opportunities for the socio-economic and educational improvement of OBCs, SCs, STs, and other weaker sections. It focuses on enhancing employment and political opportunities for these communities in the state.

6. Which two players created history by winning India's first medal at the Asian Table Tennis Championships?

- A. Ayhika Mukherjee and Sutirtha Mukherjee
- B. Madhurika Patkar and Indu Puri
- C. Manika Batra and Sathiyam Gnanasekaran
- D. Neha Agarwal and Bhavina Patel



- ✓ India's top women's doubles pair, Ayhika Mukherjee and Sutirtha Mukherjee, made history by winning a bronze medal at the Asian Table Tennis Championships in Astana, Kazakhstan. This achievement marks India's first-ever medal in women's doubles at the championships. They became the first all-India women's doubles pair to win a medal in this competition. The last medal in women's doubles was won in 1952 by Gool Nasikwala, who secured gold with Japan's Yoshiko Tanaka.

7. Tenkana Jayamangali belongs to which species?

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



- ✓ A new species of spider, named Tenkana jayamangali, has been discovered at the origin of the Jayamangali River in the Devarayanadurga reserve forest. This spider has been recognized as a new genus of Tenkana jumping spiders by arachnologists. The new genus contains two species currently classified within the 'manu' group.
- ✓ The male and female specimens were analyzed, revealing DNA that did not match any known species, leading to the new genus identification. The spider is ground-dwelling and found in southern Indian states and northern Sri Lanka. It inhabits complex microhabitats like shaded grasses with dry leaf litter and simpler areas with short grasses in rocky, dry regions.

8. According to EnviStats India-2024 report, which tiger reserve has been ranked first for its leopard population?

- A. Tadoba Andhari Tiger Reserve
- B. Nagarjuna Sagar-Srisailam Tiger Reserve
- C. Sariska Tiger Reserve
- D. Pench Tiger Reserve



- ✓ The recently released 'EnviStats India-2024' report ranked the Nagarjuna Sagar-Srisailam Tiger Reserve (NSTR) first among India's 55 tiger reserves for its leopard population, estimating around 360 leopards. The report states that 270 leopards inhabit the reserve, while another 90 move through the area. India's overall leopard population is estimated at 13,874, with 569 leopards in Andhra Pradesh. NSTR also hosts more than 80 tigers across 1,401 square kilometers.

9. Recently, the Union Ministry of Earth Sciences approved an X-band radar to be installed in which district of Kerala?

- A. Wayanad
- B. Kannur
- C. Malappuram
- D. Angamaly



- ✓ The Union Ministry of Earth Sciences approved the installation of an X-band radar in Kerala's Wayanad district after recent floods and landslides. An X-band radar emits radiation in the 8-12 GHz frequency range, producing high-resolution images due to its shorter wavelengths.

- ✓ While higher frequencies lead to faster attenuation, the radar's applications include monitoring particle movements, such as soil, to provide landslide warnings. X-band radars are often used to study cloud development and light precipitation.

10. Which organizations jointly released the 'Mental health of children and young people - Service guidance' Report?

- A. IMF and UNDP
- B. WMO and ILO
- C. WHO and UNICEF
- D. FAO and WHO



- ✓ WHO and UNICEF released a report titled 'Mental Health of Children and Young People - Service Guidance.' The report was launched on World Mental Health Day, celebrated every year on October 10 since 1992. Approximately 1 in 7 children aged 10 to 19 are affected by mental health conditions, with anxiety, depression, and behavioral disorders being the most common. One-third of mental health conditions emerge before age 14, and half before age 18, highlighting the importance of early intervention.

11. Which country is the host of ISSF Junior World Cup in 2025?

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



- ✓ The ISSF Junior World Cup will be hosted by India in 2025, confirmed by ISSF President Luciano Rossi. Mr. Rossi made this announcement at a press conference before the ISSF World Cup Final in New Delhi. Kalikesh Narayan Singh Deo, president of the National Rifle Association of India (NRAI), attended the press conference.

12. iDEX is a scheme of which ministry?

- A. Ministry of Home Affairs
- B. Ministry of Agriculture
- C. Ministry of Defence
- D. Ministry of Science and Technology



रक्षा मंत्रालय
MINISTRY OF
DEFENCE

- ✓ The Ministry of Defence is seeking more funds to expand the Innovations for Defence Excellence (iDEX) scheme. iDEX stands for Innovations for Defence Excellence and is a key initiative by the Ministry of Defence. iDEX was launched in April 2018 to promote self-reliance and innovation in defence and aerospace. It engages various sectors, including MSMEs, start-ups, individual innovators, R&D institutes, and academia.

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1. Which day is observed as World Food Day?

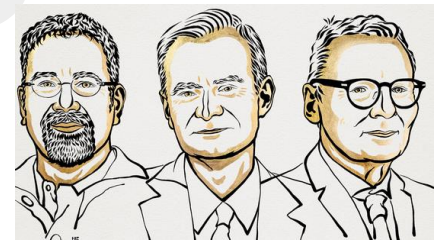
- A. October 16
- B. October 17
- C. October 18
- D. October 20



- ✓ **World Food Day is celebrated on October 16 each year by the United Nations Food and Agriculture Organisation (FAO). It highlights the commitment to ensure food and nutritional security globally. Significant advancements in food production have been made through better seeds, irrigation, and efficient farm machinery. About 2.33 billion people still face food insecurity, which is a challenge for achieving global food security. This year's theme is "Right to Foods for a Better Life and a Better Future." The National Food Security Act (NFSA), passed in 2013, aimed to provide subsidized grains to two-thirds of India's population.**

2. Who have been awarded the Nobel Prize in Economics 2024?

- A. Daron Acemoglu, Simon Johnson, and James Robinson
- B. Joseph E. Stiglitz and James J. Heckman
- C. Paul Krugman and Esther Duflo
- D. James J. Heckman and Andrei Shleifer



- ✓ **The 2024 Nobel Prize in Economic Sciences was awarded to Daron Acemoglu, Simon Johnson, and James A Robinson for their research on how institutions affect economic prosperity. They distinguished between inclusive and extractive institutions, emphasizing that societies with poor rule of law and concentrated power do not foster growth. Their findings link the historical choices made by colonizers regarding institutions to present-day economic disparities, highlighting the importance of inclusive systems for long-term prosperity.**

3. Which state government launched the Anna Bhagya Scheme?

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



- ✓ **The Anna Bhagya Scheme is a cash transfer initiative launched in Karnataka, aimed at enhancing food security by providing unconditional cash transfers to beneficiaries, enabling them to purchase food grains. This innovative approach has shown to improve household welfare, increase financial inclusion, and facilitate savings among marginalized communities. The scheme was introduced as a response to the unavailability of additional rice for distribution, marking a significant shift from traditional food rationing methods.**

4. Which ministry launched eMigrate V2.0 web portal and mobile app?

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



- ✓ External Affairs Minister Dr S Jaishankar inaugurated the eMigrate V2.0 web portal and mobile app in Delhi. The eMigrate portal promotes safe and legal migration for Indian workers. The new version reflects the government's commitment to protecting the rights and dignity of Indian migrants. It aligns with Goal 10 of the UN Sustainable Development Goals, supporting safe and responsible migration. Global demand for skilled workers is increasing, and India is negotiating migration agreements since 2015.

5. What is the name of the first vessel launched under the two Multi-Purpose Vessel (MPV) project by the Indian Navy?

- A. Viksit
- B. Kaveri
- C. Samarthak
- D. Samudra



- ✓ The Indian Navy recently launched Samarthak, the first vessel of the Multi-Purpose Vessel (MPV) project at L&T Shipyard, Kattupalli. This initiative is part of India's Aatmanirbhar Bharat and Make in India programs, promoting indigenous shipbuilding. Samarthak, meaning "Supporter," is designed for various roles including towing ships, launching targets, and testing weapons. The vessel is 106 meters long, 16.8 meters wide, and can reach speeds of 15 knots.

6. Which state has bagged the best state award in 5th National Water Awards 2023?

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



- ✓ The 5th National Water Awards 2023 were announced in New Delhi. Odisha won the first prize for Best State, followed by Uttar Pradesh in second place. Gujarat and Puducherry jointly secured third place. The event, led by Union Minister C.R. Patil, aimed to recognize efforts in water conservation and management. A total of 38 winners were honored in various categories, promoting awareness of sustainable water practices.

7. Where was the ITU – World Telecommunication Standardization Assembly, 2024 inaugurated?

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



- ✓ India recently hosted the World Telecommunication Standardization Assembly (WTSA) 2024 in New Delhi, marking the first time this pivotal event is held in India and the Asia-Pacific region. The WTSA brings together industry leaders, policymakers, and tech experts from over 190 countries to discuss and establish future standards for technologies like 6G, Artificial Intelligence, and cybersecurity.

8. What is the name of the mission initiated by Anusandhan National Research Foundation (ANRF) to advance Electric Vehicle technology?

- A. MAHA-EV Mission
- B. Sustainable EV mission
- C. EMPS mission
- D. Sarthak mission



- ✓ The Anusandhan National Research Foundation (ANRF) launched the MAHA-EV Mission to advance electric vehicle (EV) technology. It aims to reduce import dependency, boost domestic innovation, and make India a global leader in the EV sector. The mission is part of ANRF's program to tackle critical scientific challenges through collaboration. Focus areas include Tropical EV Batteries, Power Electronics, Machines and Drives (PEMD), and EV Charging Infrastructure. It will enhance India's capability in EV component design and development. The mission supports global competitiveness, innovation, and promotes a greener, sustainable future with electric mobility.

9. Recently, the Uttar Pradesh government has established country's first language museum of Hindi literature in which city?

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

हिन्दी

- ✓ The Uttar Pradesh government is launching India's first language museum dedicated to Hindi literature in Kashi, the parliamentary constituency of PM Narendra Modi. This museum aims to showcase manuscripts, photographs, and documents of renowned Hindi scholars like Kabirdas and Munshi Premchandra. With a budget of Rs 25 crore, it will include an amphitheater and garden, enriching the cultural heritage of the region.

10. What is the theme of World Standards Day 2024?

- A. Protecting the planet with standards
- B. Shared Vision for a Better World: Standards for the Changing Climate
- C. Shared Vision for a Better World
- D. Video standards create a global stage



- ✓ **World Standards Day is celebrated on October 14 to honor experts who create voluntary standards for safety and consumer satisfaction. It originated in 1946, leading to the creation of the International Organisation for Standardisation (ISO) in 1947. The first official World Standards Day was held in 1970. National standards bodies and organisations like ISO, ITU, ASME, and IESBA mark the day with events like seminars and exhibitions. This year's theme is "Shared Vision for a Better World: Standards for the Changing Climate."**

11. Who has won women's singles title at the Bendigo International Challenge badminton tournament in Australia?

- A. Aakarshi Kashyap
- B. Ashmita Chaliha
- C. Tanya Hemanth
- D. Manasi Joshi



- ✓ **Tanya Hemanth won the women's singles title at the Bendigo International Challenge badminton tournament in Australia. She beat Taipei's Tung Ciou-Tong in straight games, 21-17, 21-17. This is Tanya's third international title and her first in 2024. She was the runner-up at the Polish Open and Azerbaijan International in 2024. Tanya won titles at the India International in 2022 and Iran Fajr International in 2023. In men's doubles, India's Hariharan Amsakarunan and Ruban Kumar Rethinasabapathi lost to Taipei's Chen Cheng Kuan and Po Li-Wei.**

12. Which country hosted 19th International Conference of Drug Regulatory Authorities (ICDRA)?

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



- ✓ **The 19th ICDRA, hosted by India, brings together global regulatory authorities to enhance cooperation in drug regulation, share knowledge, and address challenges like antimicrobial resistance and AI's role in healthcare. The conference underscores India's commitment to global health standards, recognizing its position as the "Pharmacy of the World" by ensuring access to quality medicines and vaccines, especially post-COVID-19.**

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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?

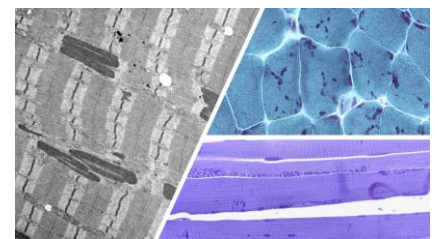
- A. ISRO
B. NASA
C. CNSA
D. ESA



- ✓ 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?

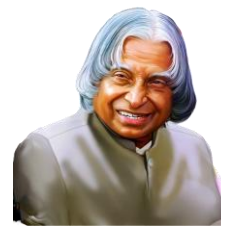
- A. New Delhi
- B. Chennai
- C. Hyderabad
- D. Bhopal



- ✓ 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?

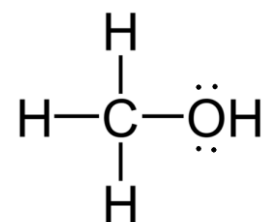
- A. Nagaland
- B. Manipur
- C. Assam
- D. Sikkim



- ✓ **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.

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

1. Which institution recently unveiled the SARTHI System?

- A. National Institute of Food Technology Entrepreneurship and Management, Kundli (NIFTEM-K)
- B. IIT, Delhi
- C. Indian Council of Agricultural Research (ICAR)
- D. National Horticulture Board



- ✓ **The National Institute of Food Technology Entrepreneurship and Management (NIFTEM-K) has launched the Solar Assisted Reefer Transportation with Hybrid Controls and Intelligence (SARTHI) system. The objective is to reduce post-harvest losses in transporting perishable foods.**
- ✓ **SARTHI containers have dual compartments to store fruits and vegetables, accommodating different temperature and humidity needs. It integrates Internet of Things (IoT) technology for real-time monitoring. Sensors track temperature, humidity, ethylene, and CO2 levels, sending data to a mobile app for quality assessment. This helps transporters make informed decisions, like rerouting produce to closer markets if spoilage is detected.**

2. Indo-Turkiye Friendship Association has been launched in which city?

- A. Mumbai
- B. Hyderabad
- C. Chennai
- D. Kolkata



- ✓ **The Indo-Turkiye Friendship Association (ITFA) was launched in Hyderabad on October 16, 2024, to strengthen India-Turkiye relations. ITFA aims to enhance cooperation in economy, trade, culture, tourism, science, technology, and education. A key objective is promoting Hyderabad as a major destination for Turkish tourists. The launch coincides with notable historical milestones: 300 years of the Nizams of Hyderabad and 100 years since the Ottoman Sultanate's abolition. The initiative is expected to boost bilateral ties across multiple sectors between the two countries.**

3. Which organization recently published the World Energy Outlook 2024 report?

- A. International Energy Agency (IEA)
- B. World Bank
- C. International Monetary Fund (IMF)
- D. United Nations Development Programme (UNDP)



- ✓ **India is expected to see the highest increase in energy demand globally over the next decade, as per the World Energy Outlook 2024. The report is published by the International Energy Agency (IEA) and provides key energy trends and projections.**

- ✓ Low-emission energy sources are projected to generate over half of the world's electricity by 2030. India's total energy demand will rise by 35% by 2035, with coal use in industry increasing by 50%. Coal-based electricity generation will grow by 15%.

4. Where was the AROHA-2024 conference inaugurated?

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



- ✓ Chief Justice of India (CJI) DY Chandrachud inaugurated the AROHA-2024 conference in New Delhi, focusing on advancements in Ayurveda. The three-day event aims to establish Ayurveda as a key pillar of global health and wellness. CJI emphasized the importance of Ayurveda in medicine. The government plans to open ten new Ayurveda centers to meet rising demand. The conference will cover various topics, including quality control, standardization & globalization of Ayurveda.

5. What is the name of campaign recently launched by Meta to combat rising online scams in India?

- A. Scam se Bacho
- B. Surakshit Bharat
- C. Safety First
- D. Mentor Meta



- ✓ Meta launched the 'Scam se Bacho' campaign in collaboration with the Indian government to educate citizens on online safety. This initiative addresses the rising threat of cyber frauds, which reached 1.1 million cases in 2023. With over 900 million Internet users, India's digital growth under the Digital India initiative has been remarkable but comes with increased risks. The campaign seeks to empower citizens with knowledge and tools to protect themselves, reflecting a whole-of-government approach to enhancing digital security.

6. Hollongapar Gibbon Sanctuary is located in which state?

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



- ✓ The National Board for Wildlife has postponed approval for oil exploration in Assam's Hollongapar Gibbon Sanctuary. This sanctuary is home to the Hoolock Gibbon, the only apes found in India. There are two types of Hoolock Gibbons: the western hoolock gibbon (Hoolock hoolock) and the eastern hoolock gibbon (Hoolock leuconedys).

- ✓ The western hoolock gibbon has a wider range, found in all northeastern states. The eastern hoolock gibbon is located in specific areas of Arunachal Pradesh and Assam.

7. Which two organizations jointly published the Global Multidimensional Poverty Index (MPI) report?

- A. UN Development Programme (UNDP) and Oxford Poverty and Human Development Initiative (OPHI)
- B. World Bank and International Monetary Fund (IMF)
- C. UN Children's Fund (UNICEF) and World Health Organization (WHO)
- D. International Labour Organization (ILO) and World Trade Organization (WTO)



- ✓ The Global Multidimensional Poverty Index (MPI) 2024 is published by United Nations Development Programme (UNDP) and Oxford Poverty and Human Development Initiative (OPHI). The report focuses on the theme "Poverty Amid Conflict," linking poverty data with violent conflict. Countries at war show higher deprivation across all 10 MPI indicators compared to non-conflict countries. 1.1 billion people (~18%) in 112 countries live in acute multidimensional poverty.
- ✓ India has the largest number of people in extreme poverty at 234 million. MPI measures poverty across education, health, and living standards. India introduced its National MPI (NMPI) in 2021, adding Maternal Health and Bank Account as indicators.

8. Which state government has renamed all Scheduled Tribe residential schools to Maharishi Valmiki Residential Schools?

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



- ✓ On Valmiki Jayanti, Karnataka Chief Minister Siddaramaiah announced that all Scheduled Tribe residential schools and Raichur University will be named after Maharishi Valmiki. Siddaramaiah praised Maharishi Valmiki's journey from being a hunter to becoming a scholar and authoring the Ramayana. He highlighted Valmiki's emphasis on equality, justice, and equal opportunities for all.

9. What is the primary objective of the 'Karmayogi Saptah', recently inaugurated by Prime Minister of India?

- A. Improve the technology sector
- B. Bolster individual and organizational capacity development for civil servants
- C. Promote cultural heritage
- D. Increase international relations with Russia



- ✓ Prime Minister Narendra Modi inaugurated the 'Karmayogi Saptah' or National Learning Week at Dr. Ambedkar International Centre in New Delhi. The initiative aimed to strengthen individual and organizational capacity development for civil servants.
- ✓ Launched in September 2020, Mission Karmayogi focused on creating a future-ready civil service with Indian values and a global outlook. National Learning Week promoted a unified "One Government" approach and lifelong learning. Ministries and organizations held seminars and workshops to enhance skills for citizen-centric service delivery.

10. Which two places are connected by the Shetkari Samruddhi Special Train, recently inaugurated by Union Railway Minister?

- A. Tamil Nadu – Uttar Pradesh
- B. Maharashtra – Bihar
- C. Rajasthan – Madhya Pradesh
- D. Karnataka – Odisha



- ✓ Union Railways Minister Ashwini Vaishnaw flagged off the Shetkari Samruddhi Special Train via video conferencing. The train connected Devlali in Maharashtra to Danapur in Bihar. Its purpose was to help farmers transport perishable goods to new markets at a low cost. The train featured small parcel vans for easy and safe transport of perishable items.

11. Employees Deposit Linked Insurance (EDLI) Scheme is administered by which organization?

- A. Life Insurance Corporation (LIC)
- B. Employees Provident Fund Organisation (EPFO)
- C. National Pension System (NPS)
- D. Ministry of Labour and Employment



- ✓ The Centre has extended benefits of the Employees' Deposit Linked Insurance (EDLI) Scheme for EPFO subscribers and their families until further notice. EDLI was launched in 1976 to provide social security benefits to private-sector employees. The scheme is managed and administered by Employees Provident Fund Organisation (EPFO) and offers term life insurance to employees. It covers organizations registered under the EPF and Miscellaneous Provisions Act, 1952. EDLI works with EPF and the Employees' Pension Scheme (EPS). The benefit amount depends on the employee's last drawn salary. The nominee receives a lump-sum if the EPF member dies during service.

12. What is the name of celestial object that was recently discovered to be a pair of brown dwarfs orbiting each other?

- A. Gliese 229B
- B. TRAPPIST-1
- C. Pallas 35
- D. Juno



- ✓ Scientists have discovered that Gliese 229B, found 30 years ago, is actually twin brown dwarfs orbiting each other. Brown dwarfs are called "failed stars" as they are lighter than stars but heavier than gas giant planets. They are larger than planets like Jupiter but smaller than stars. Brown dwarfs gather material like stars, not planets, and have hot clouds, possibly made of silicates. They retain lighter elements like hydrogen and helium. Lacking enough mass to burn nuclear fuel, they don't radiate starlight.

13. Which organization hosted the first-ever International Festival on Indian Dance?

- A. Sangeet Natak Akademi
- B. National School of Drama
- C. Lalit Kala Akademi
- D. Ministry of Culture



- ✓ The Sangeet Natak Akademi hosted its first International Festival on Indian Dance, featuring global artists. The six-day event was held at NASC Complex, New Delhi, celebrating India's rich dance traditions. The festival promotes cultural exchange and showcases Indian dance forms to artists, scholars, and students. It highlights dance's importance in India's cultural heritage and its role in engaging the youth.

14. Recently, where was the national conference on the 'Rights of Older Persons' organized?

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



- ✓ The National Human Rights Commission (NHRC) organized a function and national conference on the rights of older persons for its 31st Foundation Day at Vigyan Bhawan, New Delhi. The NHRC was established on 12th October 1993. Vice President of India, Shri Jagdeep Dhankhar, was the Chief Guest. He stated that India's human rights record is unmatched, especially for minorities, marginalized, and vulnerable groups. The growing ageing population presents both opportunities and challenges.

15. Recently, where was the Sagar Kavach exercise held?

- A. Visakhapatnam
- B. Chennai and Lakshadweep
- C. Gujarat and Daman & Diu
- D. Goa



- ✓ The Indian Coast Guard conducted the coastal security exercise 'Sagar Kavach' on October 16-17 in Gujarat and Daman & Diu. This was the second edition of the exercise this year, coordinated by the Coast Guard Regional Headquarters in Gandhinagar.
- ✓ The exercise aimed to enhance maritime and coastal security and validate existing Standard Operating Procedures (SOPs). Various stakeholders participated, including the Indian Navy, State Police, Marine Police, BSF, NSG, Gujarat Maritime Board, IB, and port authorities.

16. Which ministry hosted the Lighthouse Tourism Conclave 2024 in Puri?

- A. Ministry of Tourism
- B. Ministry of Defence
- C. Ministry of Ports, Shipping, and Waterways
- D. Ministry of Home Affairs



- ✓ The 2nd National Lighthouse Festival began with the Lighthouse Tourism Conclave 2024 in Puri, hosted by the Ministry of Ports, Shipping, and Waterways (MoPSW). Over 100 participants, including government officials, tourism experts, and conservationists, attended. The event focused on promoting lighthouse tourism and preserving maritime heritage.
- ✓ The aim is to transform 75 historic lighthouses into tourist sites with modern amenities like museums and parks. The initiative also aims to conserve these lighthouses, generate local employment, and boost the economy. Around ₹65 crore has been invested in 75 lighthouses across 9 coastal states and 1 Union Territory.

17. Where was the 16th Conference of Parties (COP16) to the Convention on Biological Diversity started?

- A. Chennai, India
- B. Cali, Colombia
- C. Moscow, Russia
- D. Paris, France



- ✓ The 16th Conference of Parties (COP16) to the Convention on Biological Diversity (CBD) started in Cali, Colombia. The CBD has 196 contracting parties and is the most comprehensive binding international agreement on nature conservation. It was opened for signing at the 1992 UN Conference on Environment and Development in Rio de Janeiro.
- ✓ The CBD aims to conserve biological diversity, promote sustainable use, and ensure fair sharing of benefits from genetic resources. The governing body, the COP, meets every two years to review progress and set priorities. The Secretariat is located in Montreal, Canada, and supports implementation through the Cartagena and Nagoya Protocols.

18. The Soliga Tribe primarily resides in which states?

- A. Tamil Nadu and Karnataka
- B. Manipur and Nagaland
- C. Gujarat and Rajasthan
- D. Bihar and Jharkhand



- ✓ Clean drinking water is a major challenge for Soliga tribes in Chamarajanagar district, Karnataka. The Soliga are indigenous forest dwellers in Tamil Nadu and Karnataka, known as "children of bamboo" due to their deep connection with nature. They live near Biligiri Rangana Hills and Male Mahadeshwara Hills. Soligas were the first tribal community in a tiger reserve to get forest rights legally recognized. According to the 2011 Census, their population is about 33,871 in Karnataka and 5,965 in Tamil Nadu. They speak Sholaga, Tamil and Kannada.

19. Which space agency has launched the Moonlight Lunar Communications and Navigation Services (LCNS) programme?

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



- ✓ The European Space Agency (ESA) launched the Moonlight Lunar Communications and Navigation Services (LCNS) programme. It aims to support over 400 planned lunar missions by space agencies and private companies in the next 20 years. The Moonlight programme will deploy a constellation of about five lunar satellites. These satellites will provide accurate autonomous landings, high-speed communication, and surface mobility on the Moon. The satellites will enable data transfer over a distance of 4,00,000 km (2,50,000 miles) between Earth and the Moon.

20. What is the name of the exercise recently conducted by the Sudarshan Chakra Corps at Jhansi?

- A. SWAVLAMBAN SHAKTI
- B. RAHAT
- C. SHAKTI
- D. YUDH ABHYAS



- ✓ The 'Exercise SWAVLAMBAN SHAKTI' is conducted by the Sudarshan Chakra Corps at Babina Field Firing Ranges near Jhansi. This exercise focuses on integrating niche and emerging technologies into the Indian Army's offensive strategies. It involves approximately 1,800 personnel and showcases over 50 new technology equipment from more than 40 industry partners, including advanced drones and robotic systems. The aim is to enhance combat readiness and foster collaboration between the Indian Army and the defence industry, boosting indigenous defence manufacturing capabilities.

21. Which day is observed as World Statistics Day?

- A. October 19
- B. October 20
- C. October 21
- D. October 22



- ✓ **World Statistics Day is celebrated on October 20th every five years. The United Nations Statistical Commission created the day to raise awareness of the importance of statistics in social and economic life. The United Nations General Assembly established the event, with the first celebration on October 20, 2010. The day emphasizes the crucial role of accurate and timely data in tackling global challenges and achieving sustainable development goals.**

22. Which shipyard is responsible for building the Next Generation Missile Vessels in India?

- A. Cochin Shipyard Limited
- B. Hindustan Shipyard Limited
- C. Mazagon Dock Shipbuilders
- D. Garden Reach Shipbuilders



- ✓ **Engine manufacturer General Electric has announced that its LM2500 marine engines will power the Indian Navy's Next Generation Missile Vessels (NGMV). These heavily armed vessels, built by Cochin Shipyard Limited (CSL) at a cost of Rs 9,805 crore, will incorporate stealth, high speed, and offensive capabilities.**

23. Who has been appointed as the Chairperson of National Commission for Women?

- A. Anita Sharma
- B. Uma Devi
- C. Vijaya Rahatkar
- D. Meenakshi Negi



- ✓ **Vijaya Rahatkar has been appointed as the Chairperson of the National Commission for Women (NCW). The appointment was notified by the Ministry of Women and Child Development. Rahatkar previously served as Chairperson of the Maharashtra State Commission for Women and Mayor of Aurangabad. She also held roles as BJP National Secretary and President of the party's women wing. Dr. Archana Majumdar has been appointed as a member of the NCW.**

24. Which state government has recently installed pink alarms at the government-run district hospital and medical college for safety of women?

- A. Karnataka
- B. West Bengal
- C. Madhya Pradesh
- D. Uttar Pradesh



- ✓ Madhya Pradesh's Datia district hospital and medical college installed 'pink alarms' for women's safety. The initiative was introduced after the rape and murder of a trainee doctor in Kolkata. The pink alarm system, created by district collector Sandeep Makin, alerts security within five minutes of activation. Alarms are installed in staff duty rooms across the Maternity Ward, Trauma Center, and New OPD Block. It is the first government hospital in the state to provide this facility for women's security.

25. Which Indian player recently won the WR Chess Masters Cup in London?

- A. Arjun Erigaisi
- B. Pentala Harikrishna
- C. Vidit Gujrathi
- D. Krishnan Sasikiran



- ✓ India's Arjun Erigaisi won the WR Chess Masters Cup in London. He defeated Maxime Vachier-Lagrave in the finals. After two drawn classical games, Arjun won the tiebreaker under time pressure, playing with black. The tournament was a 16-player knockout event. Arjun is now leading the FIDE Circuit.

26. What is the theme for World Osteoporosis Day 2024?

- A. Say No to Fragile Bones
- B. Step Up for Bone Health - Build Better Bones
- C. Protect your future
- D. Take action for bone health



- ✓ World Osteoporosis Day is observed on October 20 each year to raise awareness about osteoporosis and metabolic bone diseases. Organized by the International Osteoporosis Foundation (IOF), the campaign engages communities in over 90 countries with local initiatives. Osteoporosis weakens bones, making them fragile and prone to fractures, especially among postmenopausal women and the elderly. The 2024 theme, "Say No to Fragile Bones," emphasizes the need for proactive measures to protect bone health and reduce fracture risks.

27. Coelogyne tripurensis belongs to which species?

- A. Orchid
- B. Butterfly
- C. Spider
- D. Fish



- ✓ A new orchid species, Coelogyne tripurensis, was discovered in Jampui Hills, Tripura. It comes from moist broadleaf forests in the Indo-Myanmar Biodiversity Hotspot. The genus Coelogyne has around 600 species, native to the Indian subcontinent, Southeast Asia, and Pacific Islands.

- ✓ These orchids are mostly epiphytic. The new species belongs to the Fuliginosae section, known for showy flowers and a unique labellum.

28. Which country recently won the ICC Women's T20 World Cup?

- A. South Africa
- B. New Zealand
- C. India
- D. Australia



- ✓ New Zealand won their first Women's T20 World Cup by defeating South Africa by 32 runs. This victory marked a historic day for New Zealand cricket, as the men's team also achieved their first Test win in India in 36 years. The 9th ICC Women's T20 Cricket World Cup was originally scheduled for Bangladesh but was moved to the UAE due to political instability. Bangladesh and the UAE shared hosting rights, with matches held in Dubai and Sharjah from October 3 to 20, 2024.

29. Sri Singeeswarar Temple is located in which state?

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



- ✓ Copper plate inscriptions from the 16th century were found at Sri Singeeswarar temple in Tiruvallur, Tamil Nadu. The temple is dedicated to Lord Shiva and located in Mappedu Village. It was originally built by Aditya Karikalan II in 976 AD, father of Chola emperor Rajaraja Cholan.
- ✓ Krishnadevaraya's viceroy, Dalavai Ariyanadha Mudaliar, added the Rajagopuram, compound wall, and 16-pillar Mandap in 1501. The temple features Dravidian architecture with a 5-tier Rajagopuram. The main deity, Singeeswarar, is worshipped in the form of a large Shiva Lingam.

30. Which northeastern state has recently launched SWIFT project to rejuvenate 129 wetlands?

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



- ✓ Assam Chief Minister Himanta Biswa Sarma launched the Sustainable Wetland and Integrated Fisheries Transformation (SWIFT) project to rejuvenate 129 wetlands (beels) with a budget of Rs 800 crore. The project, in partnership with the Asian Development Bank, aims to improve water management and enhance fish production.

- ✓ It will restore 4,000 hectares of beel fisheries, crucial for flood control, groundwater replenishment, and river flow regulation. The initiative will boost indigenous fish production by 1,200 kg per hectare annually, benefiting local communities. The project focuses on sustainable management to support Assam's environmental goals and improve the local economy.

31. Which country recently hosted first G-7 Defence Ministers meeting?

- A. United Kingdom
- B. Italy
- C. Japan
- D. Canada



- ✓ The first-ever G7 Defence Ministers' meeting was held in Naples, Italy, on 19 October 2024, hosted by Italian Defence Minister Guido Crosetto.
- ✓ The meeting took place amid Israel's announcement of killing Hamas chief Yahya Sinwar, accused of masterminding the October 7, 2023, attacks on Israel. Defence ministers from the US, UK, Canada, France, Germany, Japan, and representatives from NATO, the EU, and Ukraine attended the meeting. Italy holds the G7 presidency for 2024. The G7 is a group of advanced industrialized countries including Italy, Germany, France, the UK, Japan, Canada, and the US.

32. Recently, where was the India's first coal gallery inaugurated?

- A. National Science Centre, New Delhi
- B. Nehru Science Centre, Maharashtra
- C. Regional Science Centre, Bhopal
- D. Dharwad Science Centre, Karnataka



- ✓ Union Ministers Gajendra Singh Shekhawat and Satish Chandra Dubey inaugurated India's first coal gallery at the National Science Centre, New Delhi. The exhibition is titled "Black Diamond – Unveiling the Depths" and explores the discovery, extraction process, and mining techniques of coal and other minerals. This exhibition offers a real-life experience of coal and mineral mining. The exhibition is open daily from 9:30 AM to 6 PM.

33. Zeilad Wildlife Sanctuary is located in which state?

- A. Manipur
- B. Assam
- C. Odisha
- D. Bihar



- ✓ The Rongmei Naga Council Manipur (RNCM) opposes oil exploration in Zeilad Wildlife Sanctuary, Tamenglong district, Manipur. The sanctuary, established in 1982, is located near the Indo-Myanmar border. It covers 21 sq. km and features hilly terrain in the Barak River basin. Zeilad Wildlife Sanctuary is home to seven lakes, with Zeilad Lake being the largest and most famous.

34. Exercise Naseem-Al-Bahr is held between India and which country?

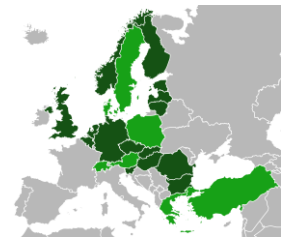
- A. Kuwait
- B. Israel
- C. Oman
- D. Iran



- ✓ **INS Trikand and Dornier Maritime Patrol Aircraft recently took part in the Indo-Oman naval exercise Naseem-Al-Bahr in Goa. This exercise, initiated in 1993, reflects the strong strategic ties between India and Oman. Oman is the first GCC country to conduct bilateral naval exercises with India. The exercise included two phases: a harbour phase with professional interactions and sports, followed by a sea phase. During the sea phase, both navies conducted gun firings, anti-aircraft operations, and replenishment maneuvers. The Dornier aircraft provided Over-the-Horizon Targeting data, enhancing interoperability and understanding of best practices.**

35. Which country has recently joined the European Sky Shield Initiative (ESSI)?

- A. Switzerland
- B. Ukraine
- C. India
- D. Australia



- ✓ **Switzerland has joined the European Sky Shield Initiative (ESSi). ESSi was founded in 2022 after Russia's invasion of Ukraine and is led by Germany. The initiative aims to strengthen Europe's defence against air strikes and enhance NATO's integrated air and missile defence system. ESSi has 21 member states, including the UK. Its key component is the Arrow 3 missile defence system, an Israeli-American technology designed to intercept long-range ballistic missiles.**

36. What is the theme of the 14th biennial lake conference held in Moodbidri?

- A. Wetlands for Human Wellbeing
- B. Biodiversity Management
- C. Water Conservation Strategies
- D. Ecosystem Restoration



- ✓ **The 14th biennial lake conference took place in Moodbidri, Karnataka from October 17 to 20, 2024, focusing on the theme "Lake 2024 - wetlands for human wellbeing." It called for the government to notify ecologically sensitive panchayats under Section 5(1) of the Environment Protection Act 1986 for better ecosystem health. The conference highlighted the ineffectiveness of most Gram Panchayat Biodiversity Management Committees since the Biodiversity Act 2002. It recommended that zilla panchayats supervise these committees through a phased program by State Biodiversity Boards to improve ecosystem health and resource management.**

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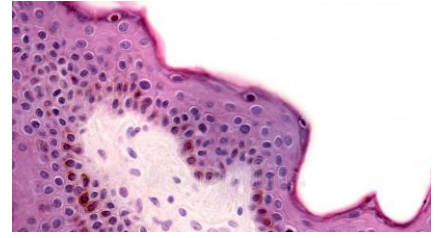
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1. What kind of disease is Vitiligo?

- A. Skin disorder
- B. Heart disease
- C. Rare disease
- D. Genetic disorder



- ✓ **A new Kannada film aims to reduce the stigma around vitiligo, a chronic skin disorder often misunderstood in India. Vitiligo occurs when melanocytes, which produce skin pigment, are destroyed, leading to depigmented patches on the skin, hair, and mouth. The exact cause is unclear but may involve autoimmune responses, genetic factors, and environmental triggers like trauma or sunburn. It can develop at any age but is most common before 30 and affects 0.5 to 2 percent of the global population, with around 100 million people living with the condition.**

2. Which day is observed as Police Commemoration Day every year?

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



- ✓ **India observes Police Commemoration Day on October 21 to honor the policemen who died in a 1959 ambush by Chinese troops at Hot Springs, Ladakh. The day recognizes the bravery and sacrifice of police personnel protecting the nation. On October 21, 1959, Indian policemen on a reconnaissance mission were attacked by Chinese forces, resulting in several deaths. The day was officially designated in January 1960 during the Annual Conference of Inspectors General of Police.**

3. Where was the 12th edition of Joint Military Training (JTM) exercise between the India and Singapore conducted?

- A. Air Force Station Bidar, Karnataka
- B. Air Force Station Kalaikunda, West Bengal
- C. Air Force Station Begumpet, Telangana
- D. Air Force Station Jodhpur, Rajasthan



- ✓ **On October 21, 2024, the Indian Air Force (IAF) and Republic of Singapore Air Force (RSAF) started the 12th Joint Military Training (JMT) exercise at Air Force Station Kalaikunda, West Bengal. The bilateral phase will run from November 13 to 21, 2024, focusing on advanced air combat simulations and joint mission planning.**
- ✓ **This phase aims to improve interoperability and combat readiness while promoting knowledge exchange. RSAF is sending its largest contingent yet, including aircrew and support for F-16, F-15,**

G-550 AEW&C, and C-130 aircraft. The IAF will use Rafale, Mirage 2000, Su-30 MKI, Tejas, MiG-29, and Jaguar aircraft.

4. Recently, where was the 15th ITU Kaleidoscope Academic Conference held?

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



- ✓ The 15th ITU Kaleidoscope Academic Conference began on 21 October at Bharat Mandapam, New Delhi. ITU Kaleidoscope 2024 is an international conference organized by the International Telecommunication Union (ITU). It fosters dialogue between academics, researchers, and industry in information and communication technologies (ICT) to promote innovation and collaboration.
- ✓ The event gathered global researchers, industry leaders, and policymakers to explore ICT solutions and discuss emerging trends. The focus is on future technologies that impact global communication networks and standardization. The theme of the conference is "Innovation and Digital Transformation for a Sustainable World."

5. Recently, a new orchid species named *Crepidium assamicum* was discovered in which national park of Assam?

- A. Orang National Park
- B. Manas National Park
- C. Dibru-Saikhowa National Park
- D. Manas National Park



- ✓ A new orchid species, *Crepidium assamicum*, was discovered in Dibru Saikhowa National Park, Assam. The discovery was made by Dr Jintu Sarma and Khyanjeet Gogoi, known as the "Orchid Man of Assam." *Crepidium assamicum* belongs to the genus *Crepidium*, increasing India's total species count to 19 and the global total to 281. Globally, there are around 27,000 orchid species, with India home to about 1,265 and Northeast India hosting 800. Assam alone has about 414 species of orchids.

6. What is the rank of India in the Economic Freedom Report, 2024?

- A. 34th
- B. 65th
- C. 74th
- D. 84th

84

- ✓ The Fraser Institute released the 2024 Economic Freedom of the World Report, ranking 165 countries based on economic choice. The top 5 most-economically free countries were Hong Kong, Singapore, Switzerland, New Zealand, and the United States. India ranked 84th in the report. The report uses 42 variables, including government size, property rights, monetary policy, and trade freedom.

7. Where was the Namo Bharat Diwas celebrated recently?

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



- ✓ The first anniversary of Namo Bharat Trains was celebrated as Namo Bharat Diwas in New Delhi. Namo Bharat Trains are India's first Regional Rapid Transit System (RRTS). The first 17-kilometer section between Sahibabad and Duhai Depot was inaugurated by PM Narendra Modi on 20 October 2023. Two more sections became operational, including Duhai to Modinagar North (March 2024) and Meerut South (August 2024). The current 42-kilometer corridor covers nine stations. RRTS offers high-speed, efficient suburban connectivity, promoting sustainable urban transport solutions.

8. Which Indian recently won the silver medal at the Archery World Cup Final 2024?

- A. Deepika Kumari
B. Bombayla Devi
C. Parneet Kaur
D. Muskan Kirar



- ✓ Four-time Olympian Deepika Kumari won a silver medal in the women's recurve event at the 2024 Archery World Cup Final in Tlaxcala, Mexico. She lost 6-0 to Chinese archer Li Jiaman in the final. Li Jiaman was part of the Chinese archery team that won silver at the Paris 2024 Olympics. The 18th Archery World Cup Final was organized by World Archery and took place on 19-20 October 2024 in Tlaxcala, Mexico.

9. Which city in India recently witnessed bioluminescent waves?

- A. Chennai
B. Kanyakumari
C. Thiruvananthapuram
D. Kozhikode



- ✓ Chennai recently witnessed bioluminescent waves; a natural phenomenon caused by marine organisms like dinoflagellates.

- ✓ These microscopic plankton emit light at night, visible on the ocean surface. Bioluminescence is common among many marine animals such as jellyfish, fish, and algae, used for evading predators, attracting prey, or mating. It occurs when the enzyme luciferase reacts with luciferin in the presence of oxygen. This phenomenon is often visible in warm weather and low light.

10. Recently, which country was officially declared malaria free by the World Health Organization?

- A. Cuba
- B. India
- C. Kenya
- D. Egypt



- ✓ Egypt was officially declared malaria-free by the World Health Organization (WHO). Malaria is caused by Plasmodium parasites, spread through the bites of infected female Anopheles mosquitoes. It is life-threatening but not contagious and mainly found in tropical regions.
- ✓ Five parasite species cause malaria, with Plasmodium falciparum and Plasmodium vivax being the most dangerous. Symptoms like fever, headache, and chills start 10–15 days after the mosquito bite. Some people in malaria-endemic areas may be infected but show no symptoms. Vector control is the key method for preventing malaria and reducing transmission.

11. Which day is observed as World Iodine Deficiency Day every year?

- A. October 21
- B. October 22
- C. October 23
- D. October 24



- ✓ World Iodine Deficiency Day is observed on 21st October to raise awareness about the importance of iodine for health. Iodine is essential for producing thyroid hormones (T3 and T4), which regulate metabolism and support fetal and infant development. It is found in foods and iodized salt, mainly absorbed in the stomach as iodide and used by the thyroid.

12. Recently, the Prime Minister of India inaugurated a new airport in which district of Uttar Pradesh under the UDAN scheme?

- A. Raebareli
- B. Saharanpur
- C. Mirzapur
- D. Meerut



- ✓ PM Narendra Modi inaugurated three airports under the Regional Connectivity Scheme (RCS) – UDAN (Ude Desh Ka Aam Nagrik) from Varanasi: Rewa (MP), Ambikapur (Chhattisgarh), and Saharanpur (UP). Flights will soon operate from these airports under the RCS-UDAN scheme.
- ✓ RCS-UDAN aims to improve connectivity in remote and underserved regions, launched in 2016 under India's National Civil Aviation Policy. The first RCS-UDAN flight, Shimla to Delhi, began in 2017. The scheme has facilitated travel for over 144 lakh passengers, boosting air travel accessibility across India.

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1. Which city is the host of 18th Pravasi Bharatiya Divas?

- A. Madurai
- B. Bhubaneswar
- C. Kolkata
- D. Noakhali



- ✓ Odisha will host the 18th Pravasi Bharatiya Divas in Bhubaneswar from January 8 to 10, 2024. Chief Minister Mohan Charan Majhi approved the proposal from the Ministry of External Affairs. The event will be held at Janata Maidan in Bhubaneswar, attended by President Droupadi Murmu, Prime Minister Narendra Modi, and other dignitaries. Pravasi Bharatiya Divas celebrates Mahatma Gandhi's return to India from South Africa on January 9, 1915, and recognizes the contributions of the Indian diaspora. The last event was held in Indore, Madhya Pradesh.

2. Which country recently hosted the Exercise Kakadu?

- A. Australia
- B. United States
- C. India
- D. Japan



- ✓ The Quad countries—India, Australia, Japan, and the U.S.—conducted back-to-back naval exercises, focusing on anti-submarine warfare. 'Exercise Malabar' took place off the coast of Visakhapatnam from Oct.8 to 18. It was termed the most comprehensive edition yet, with complex operational scenarios. The earlier 'Exercise Kakadu,' hosted by Australia, involved nearly 3,000 personnel from 30 nations. The Indian Navy contributed a P-8I Maritime Patrol Aircraft for the exercise.

3. What is the primary objective of the SPADEX mission?

- A. To build larger spacecraft
- B. To develop indigenous technology for docking two spacecraft
- C. To send humans to Mars
- D. To explore the deep sea



- ✓ The Indian Space Agency has acquired two 400kg satellites for the SPADEX mission, which focuses on space docking experiments. These satellites will be launched into slightly different orbits by a single rocket. The mission aims to develop technology and demonstrate docking between two spacecraft, named Chaser and Target. This experiment is crucial for future missions like Chandrayaan-4 and the proposed Bharatiya Antariksha Space Station.

4. Which state emerged as the overall champion at the 27th All India Forest Sports Meet 2024?

- A. Tamil Nadu
- B. Chhattisgarh
- C. Kerala
- D. Arunachal Pradesh



- ✓ The 27th All India Forest Sports Meet concluded in Raipur, Chhattisgarh. Chhattisgarh emerged as the overall champion, winning 174 medals. Kerala finished second with 103 medals, and Madhya Pradesh secured third place with 88 medals. Nearly 3,000 athletes from various states and Union Territories participated. Around 300 competitions were held across 26 disciplines during the five-day event.

5. Recently, where was the 16th BRICS Summit 2024 held?

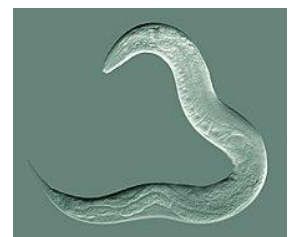
- A. Beijing, China
- B. Salvador, Brazil
- C. Kazan, Russia
- D. New Delhi, India



- ✓ The 16th annual BRICS summit took place in Kazan, Russia, from October 22 to 24, 2024. BRICS originally included Brazil, Russia, India, China, and South Africa. In 2024, BRICS admitted four new members: Egypt, Ethiopia, Iran, and the UAE. BRICS now represents nearly half of the world's population and a quarter of the global economy. The group acts as a counterbalance to institutions like the World Bank and IMF, dominated by Western countries. The term "BRIC" was first used in a 2001 Goldman Sachs paper predicting their rise among the world's largest economies.

6. What is Caenorhabditis elegans?

- A. Nematode
- B. Spider
- C. Invasive weed
- D. Orchid



- ✓ Gary Ruvkun, while accepting the Nobel Prize in Physiology or Medicine, praised Caenorhabditis elegans (C. elegans), a tiny nematode worm. C. elegans is a small, simple organism used in research for its precise structure and fast growth (3-5 days). It was the first multicellular organism to have its full genome sequenced and neural wiring mapped. It has two sexes: hermaphrodite and male. Nematodes are abundant, living as parasites or in free-living forms in diverse environments like soil and marine ecosystems.

7. Recently, a new genus of jumping spiders named Tenkana was discovered in which region of India?

- A. Ladakh
- B. Northeast India
- C. Southern India
- D. None of the Above



- ✓ A new genus of jumping spiders, 'Tenkana,' was discovered across southern India. The genus includes two known species and a new species, Tenkana jayamangali, from Karnataka. The name "Tenkana" comes from Kannada, meaning "south," reflecting its southern India and northern Sri Lanka presence. These spiders prefer dry, ground habitats and are found in Tamil Nadu, Karnataka, Telangana, and Andhra Pradesh.

8. Where was the All India Civil Defence and Home Guards conference held?

- A. Gandhinagar
- B. Jaipur
- C. Bhopal
- D. Patna



- ✓ Union Home Minister Amit Shah inaugurated the 14th All India Civil Defence and Home Guards conference at Mahatma Mandir in Gandhinagar. The conference was held after 19 years. More than 60 senior officials and 1,200 members from different states participated in this event. The focus was on discussing the draft Civil Defence Bill and Model Home Guard Bill. The conference aims to enhance efficiency through modern technology in civil defense and home guard operations across India.

9. What is Anguiculus dicaprio, which was recently discovered in the Western Himalayas?

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



- ✓ Scientists have discovered a new snake species in the Western Himalayas, named Anguiculus dicaprio after actor Leonardo DiCaprio. It belongs to the Colubridae family, which includes over 1,800 snake species. The new species has many small teeth, grows about 22 inches long, and features a broad collar with dark brown spots. It has a robust skull and steeply domed snout, living at around 6,000 feet elevation.
- ✓ Commonly known as 'DiCaprio's Himalayan snake,' it is found in Himachal Pradesh, Uttarakhand, and Nepal. These snakes are most active from late May to August and are non-venomous.

10. Which state won the National Para-Swimming Championship 2024 with 392 points?

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



- ✓ **Karnataka won the 24th National Para-Swimming Championship with 392 points. Maharashtra finished second with 378 points, and Rajasthan took third with 248 points. The National Para-Swimming Championship 2024 took place in Panaji, Goa.**

11. Which organization has recently launched the Amazon Future Engineer Program in 50 Eklavya Model Residential Schools (EMRS)?

- A. National Education Society for Tribal Students (NESTS)
- B. CBSE
- C. ISRO
- D. Ministry of Science and Technology



- ✓ **The National Education Society for Tribal Students (NESTS) and Amazon launched the third phase of the Amazon Future Engineer Program in 50 Eklavya Model Residential Schools (EMRS). The program was implemented in schools across Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Odisha, Telangana, and Tripura. It focused on training in emerging technologies like blockchain, artificial intelligence, block programming, and coding. The objective was to prepare tribal students for STEM careers through modern technological literacy.**

12. Which organization members recently adopted the Rome Declaration on Water Scarcity in Agriculture?

- A. Centre for Agriculture and Biosciences International (CABI)
- B. Food and Agriculture Organization (FAO)
- C. Soil and Water Conservation Society (SWCS)
- D. Water and Agriculture Information Centre (WAIC)



- ✓ **Member countries of the Food and Agriculture Organization (FAO) of the United Nations, Heads of Delegations and partners of the Global Framework on Water Scarcity in Agriculture (WASAG) adopted the Rome Declaration on Water Scarcity in Agriculture during the High-level Rome Water Dialogue. This event occurred alongside FAO's annual World Food Forum.**
- ✓ **The declaration aims to tackle water scarcity, which is worsened by the climate crisis. WASAG was launched at the 2016 UN Climate Conference in Marrakesh to help countries with water scarcity challenges. The initiative focuses on supporting nations in managing water scarcity issues effectively.**

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1. Which city is the venue of Women's Indian Open Golf 2024 event?

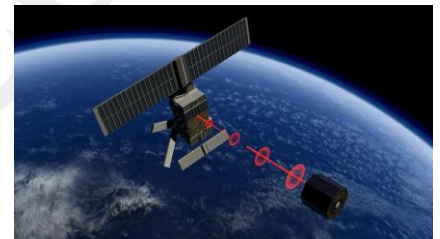
- A. Chennai
- B. Indore
- C. Gurugram
- D. Jaipur



- ✓ India hosted the 16th edition of the Women's Indian Open Golf in Gurugram, Haryana. The tournament featured 114 players from 31 nations, including 27 from India. Indian stars included Hitaashee Bakshi, Vani Kapoor, Gaurika Bishnoi, Amandeep Drall, and Ridhima Dilawari. Aditi Ashok made history in 2016 as the first Indian to win this prestigious tournament. The Women's Indian Open, founded in 2007, is India's most prestigious women's golf event.

2. Which space organization is associated with Remove Debris In-Orbit Servicing (RISE) mission?

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



- ✓ The Remove Debris In-Orbit Servicing (RISE) mission is a European Space Agency (ESA) mission that will demonstrate the ability to dock with and control the orbit of geostationary satellites. The mission aims to extend satellite life through refueling and refurbishment. RISE will prevent new space debris and promote a circular economy in orbit. ESA signed a €119 million contract with D-Orbit to co-fund the mission, launching in 2028.

3. Which day is observed as United Nations Day every year?

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



- ✓ United Nations Day is celebrated on October 24, marking the establishment of the UN in 1945. The UN Charter was ratified by the majority of signatories, including the five permanent members of the Security Council. The UN promotes international peace and a fairer world through specialized organizations like the World Bank and WHO. The first UN Conference was held in San Francisco in 1945, leading to the ratification of the UN Charter. In 1971, the UN General Assembly recommended observing UN Day as a public holiday.

4. International Container Transshipment Port (ICTP), which was recently designated as India's 13th major port, is located in which island?

- A. Great Nicobar
- B. Lakshadweep
- C. Thiruvaramangam
- D. Pamban



- ✓ **The International Container Transshipment Port (ICTP) at Galathea Bay, Great Nicobar Island, is now India's 13th major port. It is strategically located on the East-West international trade route, near key hubs like Singapore, Klang, and Colombo. The port is 40 nautical miles from the Malacca Strait, which handles 35% of global sea trade. ICTP aims to reduce India's dependency on foreign ports, as 75% of India's transshipped cargo is currently handled abroad. It holds great potential as a transshipment hub for cargo from India's east coast, Bangladesh, and Myanmar.**

5. Clostridioides difficile bacteria causes an infection in which part of body?

- A. Brain
- B. Anus
- C. Large intestine
- D. Rectum



- ✓ **Researchers are developing an mRNA-based vaccine for Clostridioides difficile (C. difficile), a highly contagious bacterium. C. difficile causes an infection of the colon, the longest part of the large intestine, with symptoms ranging from diarrhea to life-threatening colon damage.**
- ✓ **The infection often occurs after antibiotic use and mainly affects older adults in hospitals or long-term care settings, but others can also get infected. Symptoms include watery diarrhea, mild belly cramping, dehydration, and in severe cases, toxic megacolon (colon inflammation and enlargement). The vaccine aims to tackle this difficult-to-treat infection.**

6. Recently, the Indian army hosted the Chanakya Defence Dialogue at which place?

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



- ✓ **The Indian Army hosted the second Chanakya Defence Dialogue on Oct.24-25, 2024, in New Delhi. The theme is "Drivers in Nation Building: Fuelling Growth Through Comprehensive Security," focusing on integrating security into national and international policymaking. Key participants include policymakers, defence personnel, scientists, and speakers from the US, Russia, Israel, and Sri Lanka. The event will explore India's strategic goals for "Viksit Bharat @2047."**

7. Which organization released a World Economic Outlook (WEO) report in October 2024?

- A. World Bank
- B. International Monetary Fund (IMF)
- C. United Nations Development Programme (UNDP)
- D. United Nations Environment Programme (UNEP)



- ✓ **The International Monetary Fund (IMF) released a World Economic Outlook (WEO) report in October 2024. It forecasts global growth to remain stable at 3.2% in 2024 and 2025. The WEO is published biannually by the IMF, providing estimates on global GDP growth, inflation, and more for 190 member countries. India's GDP growth is expected to be 7% in 2024. The US economy is projected to grow at 2.8% in 2024 and 2.2% in 2025. China's growth is forecasted at 4.8% in 2024 and 4.5% in 2025.**

8. Urmila Chaudhary, who recently won the Global Anti-Racism Championship Award 2024, belongs to which country?

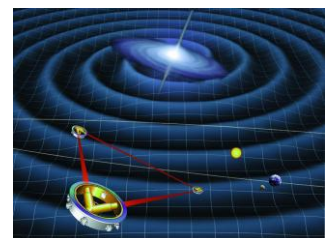
- A. Myanmar
- B. Bhutan
- C. Nepal
- D. India



- ✓ **Urmila Chaudhary from Nepal won the Global Anti-Racism Championship Award 2024, presented by US Secretary of State Antony J Blinken. The award honors her work in advancing racial equity, justice, and human rights. Urmila was rescued from child servitude at age 17 and co-founded the Freed Kamlari Development Forum, empowering former bonded laborers. She fights for marginalized castes in Nepal and studies law to further her cause. The illegal Kamlari system, which sold girls into servitude, was abolished in 2013 after mass protests.**

9. Laser Interferometer Space Antenna (LISA) mission is a collaborative project between NASA and which space agency?

- A. Japan Aerospace Exploration Agency (JAXA)
- B. China National Space Administration (CNSA)
- C. Indian Space Research Organisation (ISRO)
- D. European Space Agency (ESA)



- ✓ **NASA revealed the prototype of six telescopes for the Laser Interferometer Space Antenna (LISA) mission. LISA is a joint mission between National Aeronautics and Space Administration (NASA) and European Space Agency (ESA), set to launch in the mid-2030s. Its goal is to detect gravitational waves using three spacecraft positioned in a triangular formation, 1.6 million miles apart. It will be the first gravitational wave detector in space, exploring black holes, gravity, and the universe's expansion.**

10. World Polio Day is observed annually on which day?

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



- ✓ **World Polio Day is observed on October 24, established by Rotary International to honor Jonas Salk, who developed the first polio vaccine. Polio is a highly infectious viral disease causing paralysis and even death, mostly in children, with no cure—only prevention through vaccination. India reported 741 polio cases in 2009, the highest worldwide. The last polio case in India was in January 2011 in Howrah, West Bengal.**

11. Which organization recently published the Commitment to Reducing Inequality Index (CRI) 2024?

- A. World Bank
- B. Oxfam and Development Finance International
- C. International Monetary Fund
- D. UN Development Programme



- ✓ **The Commitment to Reducing Inequality (CRI) Index 2024 shows that many countries are failing to reduce socio-economic inequalities. The report, published by Oxfam and Development Finance International (DFI), ranks 164 countries based on Public Services, Progressive Taxation, and Labour Rights. Top performers include Norway, Canada, and Australia, while South Sudan and Nigeria are the worst performers. The rank of India is 127th in the index. Belarus, Costa Rica, and South Africa are leading among low- and middle-income countries.**

12. Which country has been named the 'Country of Focus' for the 55th International Film Festival of India (IFFI)?

- A. Russia
- B. Australia
- C. France
- D. New Zealand



- ✓ **The Ministry of Information & Broadcasting announced that Australia will be the "Country of Focus" at the 55th International Film Festival of India (IFFI). This segment will feature 7 Australian films, highlighting the country's storytelling traditions and indigenous and contemporary narratives. The announcement comes after the signing of an Audio-Visual Co-production Treaty between India and Australia, aimed at encouraging co-productions. This treaty will provide incentives for filmmakers, promoting cultural exchange and collaboration on innovative cinematic projects. The 55th IFFI will take place in Goa from November 20 to 28, 2024.**

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