

1. Recently, where was the country's first sunken museum inaugurated?

- A. Red Fort
- B. Fatehpur Sikri
- C. Humayun Tomb
- D. Buland Darwaza



- ✓ On July 29, 2024, Delhi unveiled India's first sunken museum at the UNESCO World Heritage site, Humayun's Tomb. This innovative museum will offer a unique view of Mughal history and architecture by integrating advanced technology with historical displays. The Archaeological Survey of India (ASI) has spearheaded the project in collaboration with various stakeholders, aiming to enhance the preservation and presentation of India's rich historical legacy.

2. Mongla Port is located in which country?

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



- ✓ India has achieved a strategic milestone by securing operational rights to a terminal at Mongla port, Bangladesh's largest seaport. This development boosts India's maritime influence in the Indian Ocean and strengthens its border strategy against China's regional expansion. The deal, involving Indian Port Global Limited (IPGL), follows India's previous successes in managing overseas ports like Chabahar in Iran and Sittwe in Myanmar.

3. Carbon Credit Trading Scheme is an initiative of which ministry?

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



विद्युत मंत्रालय
MINISTRY OF
POWER

- ✓ The Union Minister for Agriculture and Farmers' Welfare recently announced that the agriculture sector is now part of the Carbon Credit Trading Scheme, 2023. This scheme, initiated by the Ministry of Power, involves issuing carbon credit certificates by the Bureau of Energy Efficiency (BEE) to entities that exceed their emission reduction targets.
- ✓ Entities failing to meet targets must buy these certificates. The Ministry of Environment, Forest, and Climate Change sets emission intensity targets, while a National Steering Committee chaired by the Power Secretary oversees the scheme. This inclusion aims to enhance carbon management in agriculture.

4. Recently, which tiger reserve has installed a wind turbine to generate power for real-time monitoring camera and Wi-Fi connectivity within its forests?

- A. Periyar Tiger Reserve
- B. Kalakkad Mundanthurai Tiger Reserve
- C. Bandhavgarh Tiger Reserve
- D. Namdapha Tiger Reserve



- ✓ **Periyar Tiger Reserve (PTR) in Thekkady, Kerala, has taken a significant step by installing a wind turbine to power real-time monitoring cameras and Wi-Fi in its forest. Located in the Western Ghats, PTR is named after the Periyar River and supports a diverse ecosystem, including tropical evergreen and moist deciduous forests.**
- ✓ **Its wildlife comprises elephants, tigers, wild pigs, and various primates such as the rare lion-tailed macaque. The reserve, home to tribal communities like the Mannans and Palians, also features key flora like teak and bamboos. The wind turbine aims to enhance conservation and connectivity in this critical habitat.**

5. Jupiter Icy Moons Explorer (JUICE) Mission was developed by which space agency?

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



- ✓ **The European Space Agency's Jupiter Icy Moons Explorer (JUICE) is aimed at exploring Jupiter and its moons Europa, Callisto, and Ganymede, seeks to investigate the potential for life and understand Jupiter's origins. JUICE will study Jupiter's magnetic, radiation, and plasma environments, and in about four years, it will enter orbit around Ganymede, marking the first probe to orbit a planetary moon other than Earth's.**

6. Which ministry has recently conferred National Metallurgist Awards to recognize outstanding contributions in the metallurgical field?

- A. Ministry of Science and Technology
- B. Ministry of Mines
- C. Ministry of Steel
- D. Ministry of Earth Sciences



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STEEL

- ✓ **The Ministry of Steel, Government of India, has awarded the National Metallurgist Awards, honoring contributions in metallurgy across various fields such as Operations, R&D, Waste Management, and Energy Conservation.**

- ✓ The awards are open to individuals from industry, research, and academia. They are presented in four categories: Lifetime Achievement Award, National Metallurgist Award, Young Metallurgist Award, and the Award for R&D in the Iron & Steel Sector. These awards recognize significant achievements and advancements in metallurgical science and practice.

7. NIPUN Bharat Mission is launched by which ministry?

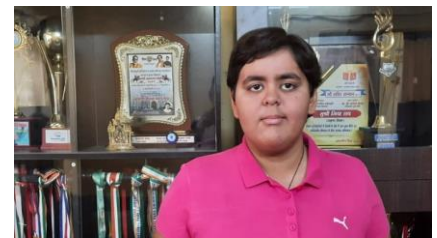
- A. Ministry of Power
- B. Ministry of Education
- C. Ministry of Agriculture
- D. Ministry of Mines



- ✓ The National Initiative for Proficiency in Reading with Understanding and Numeracy (NIPUN Bharat) mission, launched by the Ministry of Education under NEP 2020, aims to enhance foundational literacy and numeracy among children aged 3 to 9 years. Implemented through a five-tier system at national, state, district, block, and school levels, this mission seeks to achieve universal FLN skills by 2026-27.
- ✓ It focuses on improving access to schooling, teacher training, development of learning resources, and tracking student progress. NIPUN Bharat is part of the Samagra Shiksha scheme, applying to all government, aided, and private schools.

8. Recently, which Indian became the youngest para swimmer in the world to cross the English Channel?

- A. Niranjan Mukundan
- B. Rimo Saha
- C. Satyendra Singh
- D. Jiya Rai



- ✓ Sixteen-year-old Jiya Rai from Mumbai became the youngest and fastest para swimmer to cross the English Channel, swimming 34 kilometers in 17 hours and 25 minutes on July 28-29, 2024. Jiya, who has autism spectrum disorder and is the daughter of an Indian Navy personnel, also holds the record for crossing the Palk Strait. The English Channel separates England from France, first swum by Captain Matthew Webb in 1875.

9. Recently, which Union Minister received the "Lifetime Achievement Award" for his contributions in diabetology?

- A. Annpurna Devi
- B. Jagat Prakash
- C. Jitendra Singh
- D. Nirantar Kumar Singh



- ✓ At an international medical meet, Union Minister Dr. Jitendra Singh received the “Lifetime Achievement Award” for his contributions to diabetology, diabetes care, and research. He was also honored as the Lifetime Patron of RSSDI, India’s largest diabetologists’ association.

10. Mekedatu Project is associated with which state?

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



- ✓ The Karnataka Chief Minister is ready to discussing the Mekedatu project with Tamil Nadu. This multi-purpose project aims to build a balancing reservoir near Kanakapura in Karnataka, close to Tamil Nadu. The project involves constructing a dam at the confluence of the Cauvery and Arkavathi rivers, with a capacity of 66,000 TMC, supplying over 4 TMC of drinking water to Bengaluru. The estimated cost is around Rs 14,000 crores.

11. Which organization recently released the report titled “The State of the World’s Mangroves 2024”?

- A. Global Mangrove Alliance
B. IUCN
C. UNDP
D. UNEP



- ✓ The "State of the World’s Mangroves 2024" report by the Global Mangrove Alliance highlights that Southeast Asia holds nearly one-third of global mangroves, with Indonesia having 21%. Half of the world’s mangroves are threatened, including those in Lakshadweep and Tamil Nadu. Key drivers of mangrove loss are climate change, industrial shrimp aquaculture in Andhra Pradesh, West Bengal, Gujarat, and conversion to oil palm plantations and rice cultivation.

12. Charles Darwin’s frog is endemic to which region of India?

- A. Ladakh
B. Andaman Islands
C. Western Ghats
D. Eastern Ghats



- ✓ Researchers found that the Charles Darwin’s frog, native to the Andaman Islands, may be breeding in unnatural sites due to habitat loss and resource competition. This frog, part of the Dicroglossidae family, exhibits unique mating behavior, including males using complex calls and fighting rivals. The species is currently listed as Vulnerable by the IUCN.

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