

1. What is the name of the payload by which Aditya L1 satellite detected solar wind impact of Coronal Mass Ejections?

- A. Visible Emission Line Coronagraph (VELC)
- B. Plasma Analyser Package for Aditya (PAPA)
- C. Solar Ultra-violet Imaging Telescope (SUIT)
- D. Aditya Solar wind Particle Experiment (ASPEX)



- ✓ **The Plasma Analyser Package for Aditya (PAPA) payload on the Aditya-L1 satellite detected the impact of coronal mass ejections (CMEs) on solar wind. The PAPA payload is an energy and mass analyzer that measures solar wind electrons and ions. It contains two sensors, the Solar Wind Electron Energy Probe (SWEEP) and the Solar Wind Ion Composition Analyser (SWICAR).**

2. Prime Minister of India recently inaugurated National Institute of Naturopathy (NIN) named 'Nisarg Gram' in which city?

- A. Pune
- B. Bhopal
- C. Madurai
- D. Tenkasi



- ✓ **Prime Minister Modi inaugurated the National Institute of Naturopathy (NIN) called 'Nisarg Gram' in Pune, Maharashtra. Named after Mahatma Gandhi's Nature Cure campaign, the campus includes a hospital, multidisciplinary research center, extension service center, and a Naturopathy Medical College. The institute is a significant step towards promoting natural healing methods and holistic healthcare.**

3. Recently, Indian Gharial, a critically endangered crocodile species, has been sighted in which National Park?

- A. Namdapha National Park
- B. Kaziranga National Park
- C. Manas National Park
- D. Nokrek National Park



- ✓ **The Indian Gharial, or *Gavialis gangeticus*, is a critically endangered crocodile species that has been sighted in Kaziranga National Park. The first evidence of the endangered gharial was recorded in Dibru-Saikhowa National Park (DSNP) in 2022. The Gharial is one of the largest river-dwelling crocodile species in the world and is on the verge of extinction. The Gharial can be found in tributaries of the Ganges River system, including the Girwa, Son, Ramganga, Gandak, Chambal, and Mahanadi rivers.**

4. Which one of the following recently introduced a 5-year multiple entry visa for Indian tourists to enhance travel and economic ties?

- A. Oman
- B. Dubai
- C. Paris
- D. Iraq



- ✓ Dubai's Department of Economy and Tourism introduces a five-year multiple-entry visa to boost travel between India and the UAE. In response to a surge in Indian visitors, India is the leading source market for tourists in the region. The visa, processed in 2-5 days, allows a 90-day stay, extendable for another 90 days, totaling a maximum of 180 days within a year. This initiative aims to facilitate and encourage increased tourism between the two countries.

5. What is the purpose of the 'Purple Fest' recently inaugurated by President of India?

- A. To promote women entrepreneurship
- B. To empower the persons with disabilities
- C. To showcase ancient culture
- D. To celebrate lavender festival



- ✓ President Droupadi Murmu inaugurated 'Purple Fest' at Amrit Udyaan in Rashtrapati Bhawan. Organized by the Department of Empowerment of Persons with Disabilities, the event follows the success of the 'International Purple Fest, 2024' in Goa. Over ten thousand Divyangjan, along with their escorts, gathered for inclusive and interactive stalls focusing on accessibility, inclusion, and disability rights. Key activities include Amrit Udyaan visits, 'Know your Disabilities,' Purple Cafe, Purple Kaleidoscope, Purple Live Experience Zone, and Purple Sports.

6. What is 'Homosep Atom'?

- A. Ancient irrigation technique
- B. Septic tank/manhole cleaning robot
- C. Nuclear ballistic submarine
- D. Ancient medicinal practice



- ✓ Solinas, a startup incubated at IIT Madras, developed India's first septic tank cleaning robot, Homosep Atom, addressing manual scavenging issues. Solinas technologies, like Endobot and Swasth AI, serve as diagnostic tools, identifying and mitigating water contamination, blockages, and sewer overflows, contributing to societal development and environmental sustainability.

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

- A. Building a Sustainable Future: The Role of NGOs in Achieving the SDGs
- B. Building a More Equitable World
- C. Empowering Communities for Sustainable Development
- D. Celebrating Community Heroes



- ✓ **World NGO Day, celebrated annually on February 27, acknowledges the vital role of non-governmental organizations (NGOs). The day promotes active engagement in NGOs, advocates for collaboration between NGOs and public-private sectors, and raises awareness among the needy about the impactful work of NGOs. The 2024 theme, "Building a Sustainable Future: The Role of NGOs in Achieving the Sustainable Development Goals," emphasizes their crucial contribution to global sustainability.**

8. What is the name of the Sikkim's first railway station, recently inaugurated by Prime Minister of India?

- A. Gangtok Railway Station
- B. Rangpo Railway Station
- C. Namchi Railway Station
- D. Pelling Railway Station



- ✓ **Prime Minister Narendra Modi laid the foundation stone for Sikkim's first railway station in Rangpo, celebrating a historic moment for the state. The station's design, inspired by local culture and the Himalayan landscape, pays homage to Sikkim's rich traditions. This initiative is part of a nationwide effort, with over 2,000 rail infrastructure projects worth Rs 41,000 crore, aiming to transform transportation networks, promote connectivity, and drive economic development across the country.**

9. Who has become the first woman Chief Minister of West Punjab in Pakistan?

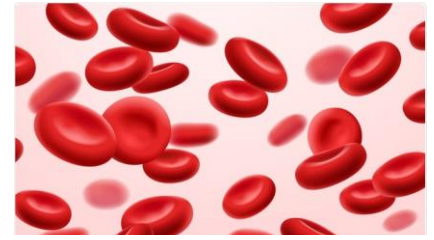
- A. Maryam Nawaz
- B. Mahira Khan
- C. Fatima Bhutto
- D. Muniba Mazari



- ✓ **Maryam Nawaz made history by becoming the first woman Chief Minister of Pakistan's Punjab province on February 26, 2024. Sworn in at the Punjab Governor House, she took the oath in the presence of her father, Nawaz Sharif, and uncle, Shahbaz Sharif. Maryam's achievement marks a significant milestone, as she is the first woman to hold such a position in any Pakistani state. She is also the senior vice president of the Pakistan Muslim League-Nawaz (PML-N) party.**

10. Mission Utkarsh is associated with which one of the following disease?

- A. Typhoid
- B. Cholera
- C. Anaemia
- D. Japanese Encephalitis



- ✓ **The Mission Utkarsh initiative, collaboration between the Ministries of Ayush and Women and Child Development, aims to combat anaemia. Launched in five aspirational districts initially, it focuses on elevating districts below national averages. The pilot phase targets improving anaemic status in adolescent girls (14-18 years) across states like Assam, Chhattisgarh, Jharkhand, Maharashtra, and Rajasthan.**

11. What is 'INDRA RV25: 240N'?

- A. Micro turbojet engine
- B. Satellite
- C. Asteroid
- D. Exoplanet



- ✓ **Hyderabad-based Raghu Vamsi Machine Tools Private Limited unveiled its indigenous Micro Turbojet Engine, "INDRA RV25: 240N." Developed with support from IIT Hyderabad, this micro turbojet is designed for unmanned aerial vehicles (UAVs), air taxis, jetpacks, and power generation. The engine, operating on the principle of accelerating air to produce thrust, offers applications in various sectors. The fully indigenous technology marks a significant milestone in India's aerospace capabilities.**

12. Which ministry has recently inaugurated the Upper Yamuna River Board building at Noida?

- A. Ministry of Home Affairs
- B. Ministry of Jal Shakti
- C. Ministry of Agriculture
- D. Ministry of Defence



जल शक्ति मंत्रालय
MINISTRY OF
JAL SHAKTI

- ✓ **The Union Minister of Jal Shakti inaugurated the Upper Yamuna River Board (UYRB) building in Noida. Established through a 1994 MoU among Chief Ministers of Himachal Pradesh, Haryana, Uttar Pradesh, Rajasthan, and Delhi, UYRB oversees the Yamuna stretch from its origin to the Okhla Barrage in Delhi.**
- ✓ **As a subordinate office under the Ministry of Jal Shakti's Department of Water Resources, UYRB plays a crucial role in water management and collaboration among the mentioned states.**

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