

### 1. What is the theme of the first 'National Space Day'?

- A. A New Era of Space Exploration
- B. India's Journey to the Stars
- C. Touching Lives while Touching the Moon: India's Space Saga
- D. None of the Above



- ✓ **India celebrated its first National Space Day on August 23, 2024. This day marks the successful landing of Chandrayaan-3's Vikram Lander on the Moon's southern polar region. India is the first country to land in this uncharted region and the fourth overall to achieve a lunar landing. The theme for the celebration is "Touching Lives while Touching the Moon: India's Space Saga."**

### 2. Recently, which ministry organized the World Audio Visual & Entertainment Summit (WAVES)?

- A. Ministry of Consumer Affairs
- B. Ministry of Information Broadcasting
- C. Ministry of New and Renewable Energy
- D. Ministry of Defence



सूचना एवं  
प्रसारण मंत्रालय  
MINISTRY OF  
**INFORMATION AND  
BROADCASTING**

- ✓ **The Ministry of Information Broadcasting launched 25 challenges under the 'Create in India Challenge—Season 1' for the World Audio Visual & Entertainment Summit (WAVES) in New Delhi. WAVES is a platform for collaboration, innovation, and discussions in the Media and Entertainment industry. Its goals include boosting India's creator economy, making India an attractive investment destination, and adapting to new industry trends. It promotes cross-cultural exchanges and aims to develop a skilled workforce.**

### 3. Recently, which institution has developed a new method to study the Sun's magnetic field?

- A. Indian Institute of Science
- B. Indian Institute of Astrophysics
- C. Indian Institute of Remote Sensing
- D. Aryabhata Research Institute of Observational Sciences



- ✓ **Indian Institute of Astrophysics (IIA) astronomers developed a method to study the Sun's magnetic fields using the Kodaikanal Tower Tunnel Telescope. The study focused on a sunspot region with complex features like multiple umbrae and a penumbra. Observations were made using Hydrogen-alpha and Calcium II spectral lines. The Tunnel Telescope's 3-mirror Coelostat setup allowed precise Sun tracking and improved data accuracy. Solar magnetic fields are generated by the movement of electrically charged particles.**

#### 4. What is 'Kalamezhuthu'?

- A. Traditional Art form
- B. Classical Dance
- C. Folk Song
- D. Ancient Rock



- ✓ A Kalamezhuthu workshop was recently organized by the Malayalam Department in Kochi, Kerala. Kalamezhuthu, also known as Dhulee Chithram or Kalam Pattu, is a traditional floor painting art form in Kerala. It is performed during rituals to worship gods like Kaali, Ayyappan, and Vettakkorumakan. The drawings are erased at the end of rituals with musical accompaniment. Natural colors from plants are used for the drawings.

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#### 5. Recently, in which city of Uttar Pradesh was the Smart Laboratory on Clean Rivers (SLCR) Project inaugurated?

- A. Ayodhya
- B. Varanasi
- C. Lucknow
- D. Kanpur



- ✓ The Green Strategic Partnership between India and Denmark led to the creation of the Smart Laboratory on Clean Rivers (SLCR) in Varanasi. This partnership involves India's Department of Water Resources, IIT-BHU, and Denmark to improve small river management. SLCR focuses on rejuvenating the Varuna River using sustainable methods and collaboration. The initiative combines a hybrid lab at IIT-BHU and a living lab on the Varuna River to test solutions.

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#### 6. Which state government has recently released the 'Justice Hema Committee report'?

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



- ✓ Kerala government released the Justice Hema Committee report after nearly five years due to privacy concerns. The committee was established in July 2017 following the abduction and sexual assault of a Malayalam actress. The report aimed to investigate sexual harassment and gender inequality in the Malayalam film industry. The case highlighted broader issues of discrimination against women in the industry.

### 7. What kind of vessel is 'ICGS Sujay'?

- A. Fast Patrol Vessel
- B. Offshore Patrol Vessel
- C. Pollution Control Vessel
- D. Hovercraft



- ✓ **ICGS Sujay, an Offshore Patrol Vessel (OPV) of the Indian Coast Guard, recently visited Jakarta, Indonesia. It is stationed in Paradip, Odisha, under the Coast Guard Region (North-East) command and frequently deployed for various missions.**
- ✓ **The 105-meter vessel is equipped with a 30mm CRN 91-gun, advanced navigation, communication systems, and sensors. The ship is designed for extended deployment in maritime zones, conducting missions like surveillance, search and rescue, and law enforcement.**

### 8. Recently, where was the 'National Conclave: Sangathan Swasthya Samridhi' inaugurated?

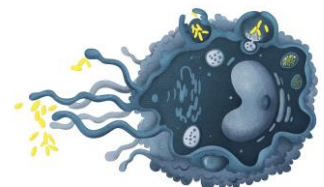
- A. Bengaluru
- B. New Delhi
- C. Chennai
- D. Bhopal



- ✓ **Union Minister Shivraj Singh Chouhan inaugurated the 'National Conclave: Sangathan Swasthya Samridhi' in New Delhi. The event focuses on women's roles in food, nutrition, health, and WASH. Health and nutrition are highlighted as essential for the nation's development, with women playing a key role.**
- ✓ **Self-help groups are recognized as important for the country's progress. Discussions emphasized the need for better basic health facilities and the idea that a healthy population leads to national growth. Women, including self-help groups from across the country, are attending the conclave.**

### 9. What are 'Macrophages'?

- A. White Blood Cells
- B. Virus
- C. Drugs for TB
- D. Fungus



- ✓ **Scientists have published a new paper on the interaction between diseased liver cells and macrophages. Macrophages are white blood cells crucial to the immune system. They engulf and digest microorganisms, clear debris, and stimulate other immune cells. The word "macrophage" comes from Greek terms meaning "big" and "eat."**

- ✓ Macrophages develop from monocytes, which are formed in the bone marrow. Monocytes circulate in the blood before becoming macrophages or dendritic cells in tissues. Macrophages are found in many organs, including the liver, brain, bones, lungs, and at infection sites.

10. Pampadum Shola National Park is located in which state?

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



- ✓ A new plant species, *Gongronema sasidharanii*, was discovered in Pampadum Shola National Park, Kerala. This plant has smooth stems and small, urn-shaped flowers that are creamy white to purplish-green. It's the first time the *Gongronema* genus has been found in South India.
- ✓ Previously, *Gongronema* species in India were only found in the northeast, Uttar Pradesh, Punjab, and West Bengal. Pampadum Shola National Park is in the Southern Western Ghats, Kerala, covering about 12 sq km. The park has hilly terrain, altitudes from 1600 to 2400 m, and a misty climate with heavy monsoon rain.

11. Recently, which country launched its first reusable hybrid rocket "RHUMI 1"?

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



- ✓ A Tamil Nadu-based start-up launched India's first reusable hybrid rocket, "RHUMI 1". The launch took place from a mobile platform in Thiruvudandai, Chennai. The rocket aims to advance research on global warming and climate change. RHUMI 1 is powered by a hybrid motor. It carried three CUBE satellites to monitor cosmic radiation, UV radiation, and air quality. It also deployed 50 Pico satellites to study accelerometer readings, altitude, and ozone levels to understand environmental dynamics better.

12. Which ministry recently launched "National Medical Register (NMR) Portal" to boost healthcare?

- A. Ministry of Science and Technology
- B. Ministry of Agriculture
- C. Ministry of Health and Family Welfare
- D. Ministry of Rural Development



स्वास्थ्य एवं  
परिवार कल्याण मंत्रालय  
MINISTRY OF  
HEALTH AND  
FAMILY WELFARE

सत्यमेव जयते

- ✓ Ministry of Health and Family Welfare launched the 'National Medical Register Portal' in New Delhi for the registration of all MBBS doctors eligible for registration in India. This portal will be a

comprehensive and dynamic database for all registered allopathic doctors. The initiative aligns with the vision of making India's health ecosystem digitally robust.

- ✓ The National Medical Register aims to strengthen the digital healthcare ecosystem and ensure quality healthcare. A similar register will be launched for paramedics and other healthcare professionals. The National Medical Commission will maintain the register electronically, including details like name, address, and qualifications of licensed doctors.

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## **IMPORTANT LINKS**

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