

1. Recently, where was the 148th Inter Parliamentary Union meeting held?

- A. Paris, France
- B. Washington DC, United States
- C. Geneva, Switzerland
- D. Vienna, Austria

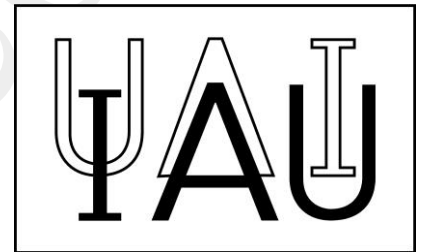


Inter-Parliamentary Union
For democracy. For everyone.

- ✓ **The 148th Inter-Parliamentary Union (IPU) Assembly was held in Geneva, Switzerland from March 23–27, 2024. The IPU is an international organization founded in 1889, with headquarters in Geneva, Switzerland, as well as offices in New York, United States of America, and Vienna, Austria. A seven-member Indian parliamentary delegation, led by Rajya Sabha Deputy Chairman Harivansh attended the event. The IPU boasts 180 member countries**

2. Recently, the International Astronomical Union (IAU) has named an asteroid after which Indian scientist?

- A. Harish Chandra
- B. Krishnaswamy Kasturirangan
- C. Jayant Murthy
- D. Avadh Saxena



- ✓ **The International Astronomical Union honored Indian astrophysicist Professor Jayant Murthy by naming asteroid (215884) Jayantmurthy after him. Discovered in 2005 by MW Buie at Kitt Peak National Observatory, the asteroid orbits the Sun between Mars and Jupiter every 3.3 years.**

3. According to the Lancet study, what is the projected fertility rate for India in 2050?

- A. 2.1
- B. 1.29
- C. 1.91
- D. 2.5



- ✓ **India's total fertility rate (TFR) is projected to plummet to 1.29 children per woman by 2050 and further to 1.04 by 2100, as per a Lancet study. The decline signifies a substantial drop from 6.18 children per woman in 1950. India currently falls below the replacement level of fertility, with a TFR of 1.91 in 2021, below the required 2.1.**

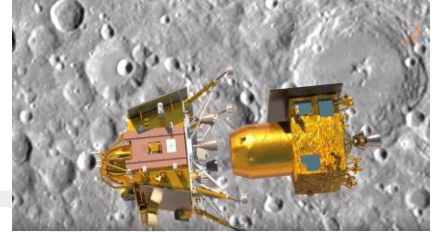
4. Recently, which ministry has introduced the Cinematograph (Certification) Rules, 2024?

- A. Ministry of Agriculture
- B. Ministry of Commerce and Industry
- C. Ministry of Information and Broadcasting
- D. Ministry of Law and Justice

- ✓ The Ministry of Information and Broadcasting, Government of India, introduced the Cinematograph Certification Rules 2024 to revamp the film certification process. The new rules, part of ongoing government efforts, aim to regulate the certification and exhibition of cinematograph films effectively. They are a significant step towards modernizing the Indian film industry's regulatory framework.

5. What is the name approved by the IAU Working Group for Planetary System Nomenclature for the landing site of Chandrayaan's Vikram lander?

- A. Trishul
- B. Shiv Shakti
- C. Parmesh
- D. Swastik



- ✓ The International Astronomical Union approved 'Station Shiv Shakti' for Chandrayaan's Vikram lander site. On Aug.26, PM announced Chandrayaan 3's landing site would be named Shiv Shakti. Rooted in Hindu mythology, "Shivshakti" symbolizes determination and empowerment. PM highlighted the connection between humanitarian efforts and Shiva. The "Shakti" component honors women scientists.

6. Recently, a Switzerland-based hyperloop company signed an MoU with which IIT to develop hyperloop systems in India?

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



- ✓ Swisspod Technologies, a Swiss hyperloop company, has inked an MoU with TuTr Hyperloop, an IIT Madras spin-off, to pioneer hyperloop systems in India. Hyperloop, proposed by Elon Musk in 2013, offers ultra-high-speed ground-level transport powered by solar energy. It's the 5th mode of transport, employing maglev technology for levitated travel in low-pressure tubes.

7. POEM 3 Mission is launched by which space organization?

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



- ✓ ISRO's PSLV Orbital Experimental Module 3 (POEM 3) Mission aims to tackle orbital debris with PSLV's PS4 stage, designated as the PSLV Orbital Experimental Module. This marks ISRO's third deployment of PS4 for orbital experiments, dubbed POEM-3. The module will conduct in-orbit scientific experiments for 4-6 months, powered by solar panels and a Lithium-ion battery.

8. Which valley hosting the largest nesting colony for Gyps vultures in southern India?

- A. Araku Valley
- B. Moyar Valley
- C. Kharahal Valley
- D. Barak Valley



- ✓ **The Moyar Valley, also known as Maayar Valley, hosts the critically endangered Gyps Vulture. Located within the Nilgiri Biosphere Reserve, stretching from Gudalur through Mudumalai Tiger Reserve, it harbors vital species like tigers and elephants. This region boasts the largest nesting colony of Gyps vultures in peninsular India.**

9. Haryana Agricultural University Scientists have identified a new and potentially devastating disease affecting pea crops. What is name of disease?

- A. Fusarium
- B. Witches' Broom
- C. Antirrhinum rust
- D. Gray mold



- ✓ **Scientists at Chaudhary Charan Singh Haryana Agricultural University discovered a new disease, "Witches' Broom," affecting pea crops, caused by 'Candidatus Phytoplasma asteris' (16SrI). The American Phytopathological Society published their report in 'Plant Disease,' marking the first research on the disease.**

10. India Employment Report 2024 is released by which organization?

- A. International Labour Organization & Institute of Human Development
- B. Amnesty International
- C. United Nations Conference on Trade and Development
- D. World Health Organization



- ✓ **The India Employment Report 2024, co-published by the ILO and IHD, underscores the ongoing challenges for Indian youth in finding jobs. Alarmingly, around 83% of the unemployed are young individuals. Particularly troubling is the rise in educated youth among the jobless, with those possessing secondary education or higher comprising 65.7% of the unemployed youth, up from 35.2% in 2000.**

11. Recently, who has been appointed as the new Ambassador of India to Myanmar?

- A. Vinay Kumar
- B. Abhay Thakur
- C. Vinay Mohan Kwatra
- D. Pavan Kapoor



- ✓ Senior Indian diplomat Abhay Thakur, a 1992-batch officer of the Indian Foreign Service (IFS), has been appointed as India's next ambassador to Myanmar. This was announced by the Ministry of External Affairs (MEA) on March 26. Thakur, currently an Officer on Special Duty in the MEA, previously served as sous-sherpa for the G20 process during India's presidency.

12. Who won the Abel Prize 2024, sometimes called the Nobel Prize of Mathematics?

- A. Avi Wigderson
- B. Luis A. Caffarelli
- C. Michel Talagrand
- D. Laszlo Lovasz



- ✓ The Norwegian Academy of Science and Letters awards the 2024 Abel Prize to Michel Talagrand from CNRS, Paris, France, for his contributions to probability theory and stochastic processes.
- ✓ Talagrand's work illuminates the role of randomness in various phenomena, crucial for fields like weather forecasting and business logistics. Central to his research is the understanding and application of the Gaussian distribution, evident in seemingly random events such as birth weights, academic performance, and athlete retirements.

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