

December - 15

TNPSC BITS

- ❖ The 5G RAN technology developed by IIT Madras and Kanpur and the R&D arm of MeiT Y was formally handed over to an Indian tech company for advancement and commercial applications.
- ❖ The Indian Armed Forces contingent reached Hanoi, Vietnam to take part in the fourth edition of Joint Military Exercise VINBAX-2023.
- ❖ International Animal Rights Day is observed on December 10 every year, to highlight the connection between animal and human rights.

TAMIL NADU

Tamil Nadu Unlimited 2023



- ❖ 'Tamil Nadu Unlimited', is an one-day summit organised by The Hindu in association with Guidance Tamil Nadu.
- ❖ It highlighted the potential of the different sectors in developing Tamil Nadu into a preferred growth destination.
- ❖ As many as eight districts in Tamil Nadu contribute almost 50% of Gross State Domestic Product (GSDP).
- ❖ In comparison, two to three districts in Karnataka and Maharashtra contribute major chunk of their respective GSDP.

- ❖ 15 districts contributed to over 50% of Tamil Nadu's urbanisation.
- ❖ The Hosur belt had emerged as a electric vehicle hub, while Thoothukudi would emerge as a green hydrogen hub.

NATIONAL

Truth and Reconciliation Commission



- ❖ Justice Sanjay Kishan Kaul recommended the setting up of an “impartial Truth and Reconciliation Commission”.
- ❖ It is also known as a ‘truth and justice commission’ or simply, a ‘truth commission’.
- ❖ It is an official mechanism to not just acknowledge, but also reveal, wrongdoings by a government or sometimes non-state actors or combatants so that conflicts of the past can be addressed and resolved.
- ❖ It aims to investigate and report on the violation of human rights perpetrated by both state and non-state actors in Jammu and Kashmir since the 1980s and recommend measures for reconciliation.
- ❖ Earlier truth commissions from Uganda (1974) to Kenya (2009) are well known.
- ❖ In South Africa, the first post-apartheid government of President Nelson Mandela established a TRC in 1995.

Karan Singh's Proclamation of 1949

- ❖ On 25 November 1949, a Proclamation was issued for the State of Jammu and Kashmir by Yuvraj Karan Singh.
- ❖ With the issuance of the Proclamation, paragraph 8 of the Instrument of Accession ceased to be of legal consequence.

- ❖ The 9 Proclamation reflects the full and final surrender of sovereignty by Jammu and Kashmir, through its sovereign ruler, to India.
- ❖ Karan Singh's proclamation stated that the Government of India Act, 1935, which until then governed the constitutional relationship between J&K and the dominion of India, will stand repealed.

ACCESSION AND AFTER

OCT 26, 1947: Following the invasion by tribesmen supported by Pak army, Maharaja Hari Singh sought Indian assistance, eventually leading him to sign Instrument of Accession (IoA).

MAY 27, 1949: Constituent Assembly of India cleared draft Article 370, as per the terms in the IoA.

MAY 1, 1951: Dr Karan Singh issued a proclamation convening the Constituent Assembly for the State.

1952: Delhi Agreement between Sheikh Abdullah and Prime Minister Jawaharlal Nehru expanded the relationship between India and J&K.

MAY 15, 1954: Art. 35A introduced through a Presidential Order to protect laws passed by state legislature regarding permanent residents.

NOV 17, 1957: Constitution of State of J&K adopted; came into force on Jan 26, 1958.

SCIENCE AND TECHNOLOGY

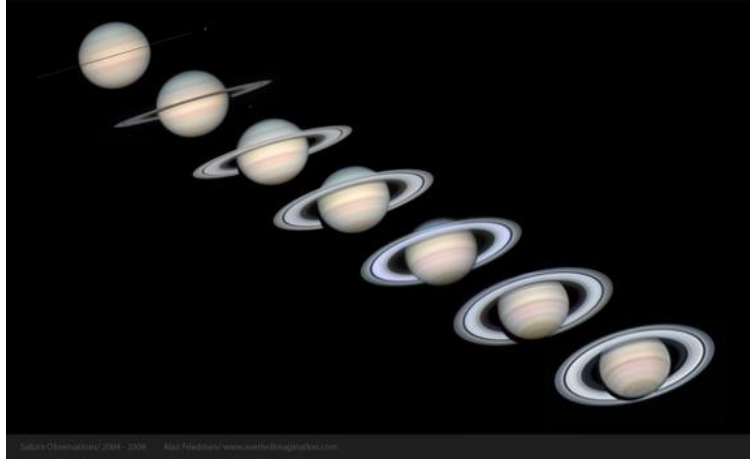
Roads on Moon



- ❖ Researchers have discovered that lunar dust could potentially be used as a raw material for constructing roads and landing pads on the moon.
- ❖ It is consisting primarily of dark grey lunar volcanic rock.
- ❖ Using laser beams with varying strengths and sizes, the scientists simulated concentrated sunlight in their experiments.
- ❖ They successfully produced triangular, hollow-centered tiles by melting dust.
- ❖ It could be interlocked to create solid surfaces for constructing roads and landing pads on the moon.

- ❖ But it would take about 100 days to create a 10 x 10m landing spot.

Disappearance of Saturn's Rings



- ❖ Saturn, the sixth planet from the Sun in our solar system, is renowned for its spectacular and iconic rings.
- ❖ These rings are composed primarily of countless icy particles and tiny rock fragments.
- ❖ Recent studies have claimed that, in 2025, the rings will vanish from public view due to optical illusion.
- ❖ Saturn isn't in perfect alignment with Earth - it's tilted about a 9-degree angle.
- ❖ By 2024, the angle would have decreased to about 3.7 degrees.
- ❖ A year later, due to its movement away from the Earth, the axis of Saturn will assume a vertical position from its current tilted position.
- ❖ It will make the rings look like a thin horizontal strip parallel to Earth.
- ❖ This caused this structure too thin to see.
- ❖ The phenomenon will last till 2032 when the underside of the rings will be revealed.
- ❖ Saturn's ring system extends up to 282,000 kilometres from the planet.
- ❖ But the vertical height is typically about 30 feet in the seven main rings.

STATES

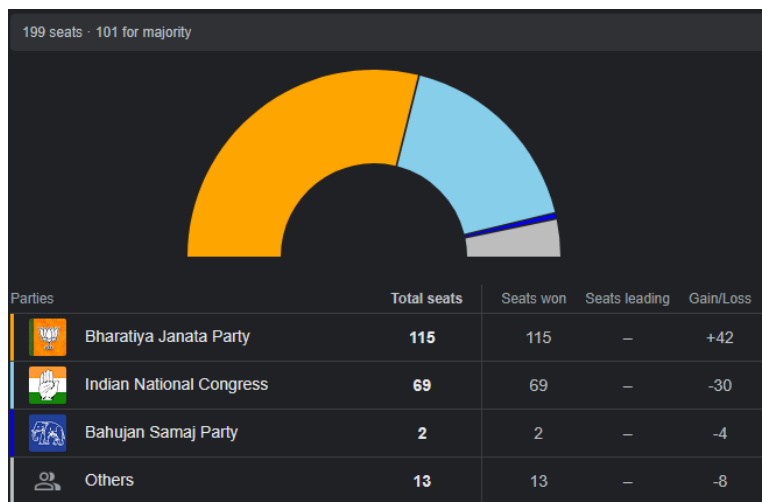
24th Hornbill festival

- ❖ The ten-day long 24th Hornbill Festival held at the heritage village of Kisama, Nagaland.

- ❖ The State's 16 major tribes come together to celebrate their culture, heritage at the Hornbill Festival.
- ❖ The festival that began in 2000 is named after the hornbill.
- ❖ It is a culturally significant bird that symbolises fidelity, beauty and grace in Naga folklore and ritual.
- ❖ The state has 16 districts and 17 tribes in the State, and each is distinct from the other.
- ❖ Nagaland is known as the land of festivals, and the Hornbill festival is referred to as the festival of festivals.
- ❖ Visitors of festival who are not from Nagaland should obtain an inner line permit from the local Government.



New Chief Minister of Rajasthan

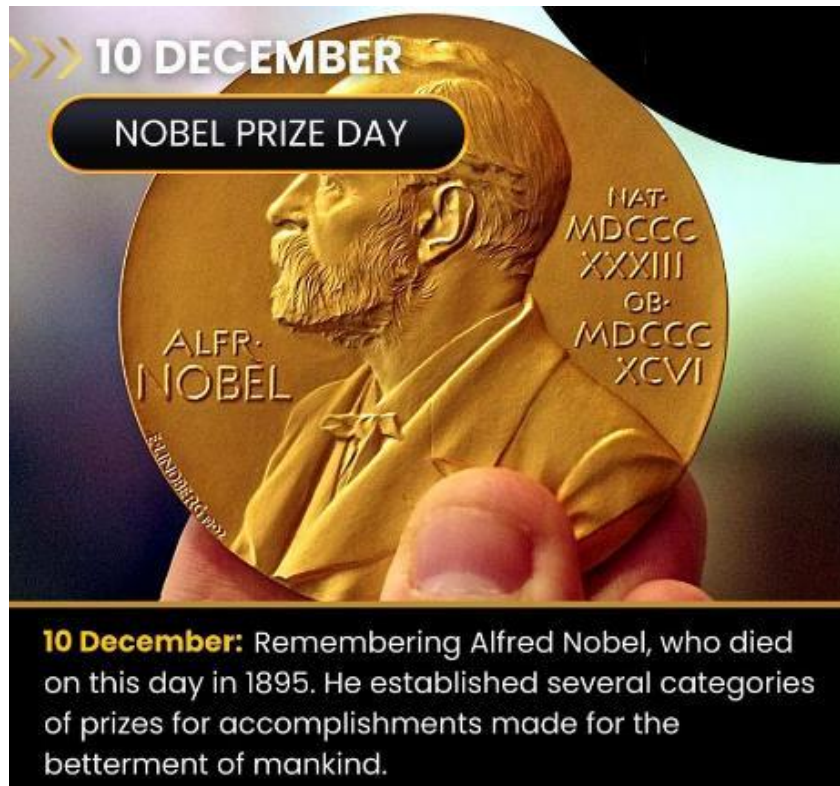


- ❖ Bhajan Lal Sharma is selected as the new chief minister of Rajasthan.

- ❖ Diya Kumari and Prem Chand Bairwa named as Sharma's deputy chief ministers.
- ❖ Vasudev Devnani will be the new Rajasthan Assembly Speaker.
- ❖ Bhajan Lal Sharma is the first-time MLA from the Sanganer assembly constituency.

IMPORTANT DAYS

Nobel Prize Day 2023 - December 10

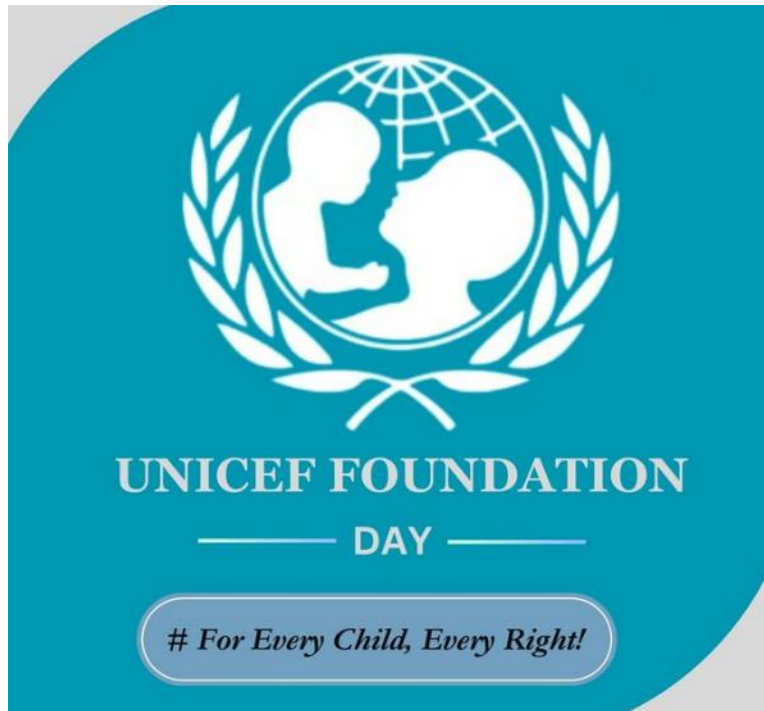


- ❖ This day marks the death anniversary of Alfred Nobel.
- ❖ He is popular for creating a series of award categories for achievements that helped humanity.
- ❖ The Nobel Prize is regarded as one of the most prestigious international awards.
- ❖ It is given to people who gave their best efforts in physics, chemistry, physiology or medicine, literature, and peace.

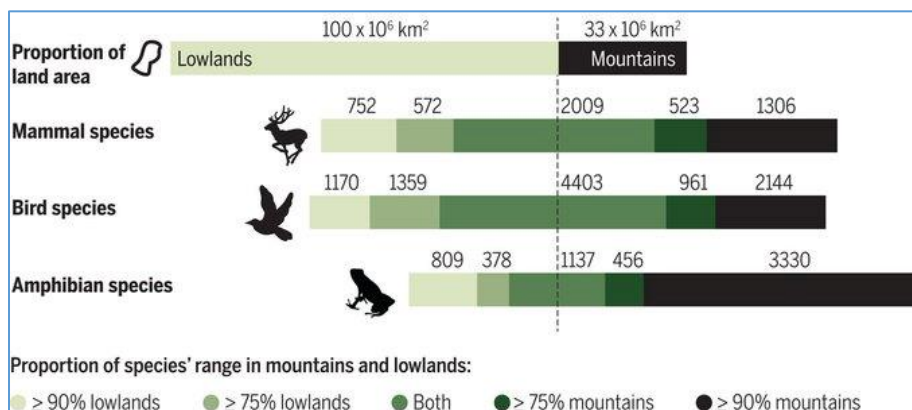
UNICEF Foundation Day 2023 - December 11

- ❖ The United Nations Children's Fund is a humanitarian organization established on December 11, 1946 under the aegis of the United Nations.

- ❖ It aims to protect the rights of every child across the world.
- ❖ UNICEF continued to use its original acronym UNICEF even after its full name was changed to United Nations Children's Fund in 1953.
- ❖ It is the biggest supplier of vaccines globally.
- ❖ Theme for This year is "For every child, every right."



International Mountain Day 2023 - December 11



- ❖ It aims to raise awareness about the importance of mountains and the need to restore their ecosystems.
- ❖ The day highlights the vital role mountains play in our lives and the need to protect them.

- ❖ This year, the focus is on activities that promote mountain resilience and adaptation to climate change.
- ❖ The theme for 2023 is “Restoring Mountain Ecosystems”.

MISCELLANEOUS

India’s 2023 Google search

- ❖ Chandrayaan-3, IPL and G20 reflected in the list of top trending searches in India, according to Google.
- ❖ Queries about the Cricket World Cup and India vs Australia's cricket matches scoring an all-time high this year.
- ❖ The India National Cricket team ranked as the top trending cricket team worldwide.
- ❖ This is the only cricket team to find a spot as part of our global sports teams list.
- ❖ Shubman Gill and Rachin Ravindra emerged as the top trending cricketers locally and globally.
- ❖ Jawan staked its claim to the top trending local film search and #3 top trending film search globally.

