

UPSC Daily Current Affairs | One Liners 23-10-2025

One Liners 23-10-2025

Geography

Transient Lunar Phenomena (TLPs)

- **TLPs** These are <u>strange lights on the Moon, which are enigmatic flashes and glows.</u>
 These vary from bright, short flashes to weak glows and transitory colour changes.
- **Possibly caused by -** Meteoroid impacts or gas releases from the lunar interior, offer crucial insights into the Moon's geology and dynamic processes.
- **Aim of ongoing research** To unravel their mysteries and enhance our understanding of Earth's closest celestial neighbour.

Baratang's mud volcano

The samples (lithoclasts) collected from <u>India's only active mud volcano</u> belong to the Oligocene age.

- A total of 4 clusters of mud volcanoes consisting of several small vents, spread over an area of about 500 sqm with a height of about 2 metres at the centre.
- Earlier record of 100 sqm and a height of 1 metre.
- Located in Baratang, in Andaman and Nicobar Islands.
- **Composed of** <u>Sandstone and shale</u> of the <u>Mithakari Group</u>, belonging to <u>Oligocene</u> geological period.
- **Temperature ranged from -** 29.3°C to 30.07°C.
- pH between 8.0 and 8.3, indicating the weakly alkaline nature of the mud fluid.

Economy

State Tourism Ministers Meet

- It is a platform that brings together Tourism Ministers and senior officials from all States and Union Territories.
- **Aim** To develop at least 1 globally benchmarked tourist destination in every State and UT, aligning with *India's broader Viksit Bharat roadmap*.
- · Key outcomes -
- **Development of 50 Destinations -** Focusing on private sector-led tourism hub development.
- **Providing Performance Linked Incentives (PLI) -** Introducing a novel PLI-based Destination Maturity Model to incentivize and reward high standards of destination management.
- **Significance** It serves as a platform to advance the vision of <u>"One State: One Global Destination"</u> announced in the Union Budget 2025-26.

FASTag Annual Pass

FASTag Annual pass crosses 25 lakh users mark in 2 months after launch.

- **Aim** To provide safe, smooth and seamless travel experience on National Highways across the country.
- One-time fee payment Rs. 3,000 for 1 year validity or 200 toll plaza crossings.
- Valid for All non-commercial vehicles with a valid FASTag.
- **Applicable on -** About 1,150 toll plazas on <u>National Highways and National</u> <u>Expressways.</u>
- On Expressways and State Highways managed by State Governments or local bodies, FASTag will use your existing wallet balance to pay tolls and parking fees.

16th International Railway Equipment Exhibition-2025

- It is an Asia's largest and the world's 2nd largest railway exhibition.
- Conducted by Ministry of Railways
- Theme 'Future-Ready Railways'.
- **Coincides with** International Rail Conference 2025, serves as a key forum for transformative discussions and collaboration in the industry.
- · Announcement -
- To develop dedicated passenger corridors, engineered for maximum speeds of up to 350 kmph with an operating speed of 320 kmph.
- These corridors will be equipped with <u>indigenously developed signalling systems and</u> <u>modern Operations Control Centres (OCCs).</u>
- **Significance** It outlines Vision for Vande Bharat 4.0, Amrit Bharat 4.0, and Next-Generation Railway Manufacturing Standards at IREE 2025.

Security

Joint Defence Cooperation Meeting

Joint Defence Cooperation Meeting in New Delhi, Marking a New Chapter in Bilateral Defence Partnership.

- Held between India and Ethiopia.
- Aim To underscore the growing strategic partnership and reaffirms their shared resolve to enhance cooperation in areas of mutual interest.

Military Combat Parachute System (MCPS)

MCPS, has successfully undergone a combat freefall jump from an altitude of 32,000 feet.

- **Indigenously developed by -** DRDO.
- **Achievement** MCPS the <u>only parachute system</u> currently in operational use by the Indian Armed Forces <u>capable of deployment above 25,000 feet.</u>
- **Significance** It reduces dependency on other nations for its serviceability during times of conflict and war.

'Samudra Shakti - 2025'

- It is the 5th edition of the Indo-Indonesian Joint Bilateral Maritime Exercise.
- Held in Visakhapatnam, hosted by Indian Navy.
- **Participating units** INS Kavaratti, an Anti-Submarine Warfare Corvette of Eastern Fleet under the aegis of Eastern Naval Command (ENC) and the Indonesian Navy Ship KRI John Lie, a Corvette (with an integral helicopter).
- 2 phases
- **Harbour phase** To build camaraderie and professional rapport that include Cross Deck Visits, Joint Yoga sessions, Friendly Sports fixtures, Professional Subject Matter Expert Exchanges (SMEE).
- **Sea Phase -** To increase tactical coordination, including Helicopter Operations, Air Defence Exercises, Weapon Firing Drills, Visit, Board, Search and Seizure (VBSS) exercises.
- **Aim** To enhance interoperability, strengthening mutual understanding, and sharing best practices between the two navies.
- **Significance** It highlights shared commitment of both nations towards maintaining stability and peace in the Indo-Pacific region.

Miscellaneous

Vartalap

- It is a regional media workshop, held at Konark.
- Organised by Press Information Bureau (PIB), Bhubaneswar.
- **Aim** To strengthen collaboration between the government and the media in effective public communication.

World Food Day 2025

- **Observed annually on -** 16th October.
- **Aim -** To raising awareness about <u>food security, nutrition, and sustainable agricultural</u> <u>practices.</u>
- Theme 2025 "Hand in Hand for Better Foods and a Better Future".

