UPSC Daily Current Affairs| One Liners 07-02-2025

One Liner 07-02-2025

Geography

Seabed 2030 Project

• **Launched in** – *2017*.
• **Collaborative project** – Between IHO/IOC General Bathymetric Chart of the Oceans (GEBCO) and the Nippon Foundation.
• **Aim** – To *map the entire ocean floor by 2030*.

Polity & Governance

Bharat Ranbhoomi Darshan

Currently, 77 tourist sites showcase India's rich military heritage.
• **Launched in** – *2025*, on January 15, Indian Army Day.
• **Nodal Ministry** – Ministry of Defence.
• **Objective** – To raise awareness by opening historically significant locations linked to the valor and sacrifices of the Indian Armed Forces to tourists.
• These places have *war memorials/museums* and some facilities for refreshment etc.
• **Tourism sites** – It spans across various states,
  - 11 – Jammu and Kashmir
  - 4 – Himachal Pradesh
  - 7 – Rajasthan & Sikkim
  - 5 – Gujarat & Ladakh
  - 1 – Arunachal Pradesh
  - 8 – Uttarakhand.

Shatavari –For Better Health

• **Launched by** – Ministry of Ayush and National Medicinal Plants Board (NMPB).
• **Concept** – It is a nationwide *species-specific campaign.*
• **Objectives** – To spreading knowledge of the *health benefits of medicinal plants* across the country.
• **Key role** – It is known for its numerous health benefits, particularly in supporting women's health and enhancing immunity.

SMILE – Support for Marginalized Individuals for Livelihood and Enterprise

• **Launched in** – *2022*.
• **Nodal Ministry** – Ministry of Social Justice and Empowerment.
  - **Sub-schemes –** Comprehensive Rehabilitation for Welfare of Transgender Persons.
  - Comprehensive Rehabilitation of persons engaged in the act of Begging.
• **Focused on** – Extensively rehabilitation, provision of medical facilities, counseling, education, skill development, economic linkages etc.

'Pariksha Pe Charcha" 2025

• **Show features –** 8 episodes focusing on stress-free exams.
• **Initiative –** Aims at exam warriors, parents, and teachers**.**

Economy

Geo-Economic Fragmentation (GEF)

• It is a policy-driven reversal of global economic integration often guided by strategic considerations.
• **Composition** – This process encompasses different channels, including *trade, capital, and migration flows*.
• It replacing the globalization.

Delhi International Leather Expo (DILEX) 2025

• **Aim** – To enhance exports, create employment & strengthen India's global market presence.
• **Introducing Reforms** – To boost trade & industry, by reducing basic Customs Duty on wet blue leather & eliminating export duty on crust leather.
• **Custom financial assistance** – It includes customized credit cards for micro-enterprises & support for SC/ST women entrepreneurs.
• **Export Promotion Mission** – It will be launched with sectoral & BharatTradeNet (BTN) will be established to streamline international trade.
• Council for Leather Exports has set a target of $47 billion by 2030, with a special focus on footwear & leather exports.

Environment

Nematodes

In Goa, a symposium organized by Syngenta India, called for an effective nematode management.
• Nematodes are any of a major group of long cylinder-shaped worms that are ***parasites in animals or plants*** or live in soil or water.
• It is commonly called as *eelworms or threadworms*.
• **Habitat** – Found in almost every *terrestrial and aquatic habitat*.
• **Feed on** – Underground *plant tissues* such as roots, rhizomes, tubers and bulbs, making them invisible enemies.
• **Impact** – Attack plant roots, causing stunted growth, reducing yields, and increasing their vulnerability to diseases.
• **India** – A major crop losses due to plant parasitic nematodes are valued at ₹25,000 crore annually.

Science

Artificial Photosynthesis in Space

Chinese astronauts aboard Shenzhou-19 achieved the 1st demonstration of artificial photosynthesis in space.
• **Innovative approach** – It enables astronauts to *turn sunlight into vital rocket fuel*, namely oxygen and ethylene.
• **Usage** – The *drawer-shaped device*, the power of semiconductor catalysts, mimic the natural processes that plants use for survival.
• **Features** – It operates efficiently at room temperature and standard atmospheric pressure, requiring significantly less energy.
• It revolutionizes long-distance space travel, by making it feasible to *convert carbon dioxide into usable resources*.

China's Chang'e-7 Mission

• **Aim** – To search for water on the Moon's South Pole.
• **Agency –** Chinese Space Agency (CNSA).
• **Launch –** Planned to launch in 2026.
• **Components** – Orbiter, lander, lunar rover & a flying robotic detector.



SHANKAR
IAS PARLIAMENT
Information is Empowering