UPSC Daily Current Affairs| One Liners 25-03-2025

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History, Art and Culture
Grand Memorial for Chhatrapati Shivaji Maharaj *Maharashtra government is taking efforts to honor Chhatrapati Shivaji Maharaj by establishing a grand memorial in Agra, a site of historical significance where Chhatrapati Shivaji Maharaj was held under house arrest by Mughal Emperor Aurangzeb.* • **Historical Background -** Chhatrapati Shivaji Maharaj, born in 1630 in Shivneri fort, Pune. • **Challenged** - Mughal rule & Rule of Ali Adil shah of Bijapur. • **Agra Escape -** In 1666, Aurangzeb detained him, who then escaped ingeniously. • **Maratha Empire -** Shivaji Raja was officially crowned as Chhatrapati in 1674 in Raigad. • **Legacy and Purpose -** The memorial will showcase Chhatrapati Shivaji Maharaj's military genius and governance, educating visitors about Maratha history and his enduring legacy.
Kishangarh's Legacy *March 19 commemorates the anniversary of the Muzhara movement, a significant agrarian struggle in Punjab.* • This movement began in the 1930s under British rule, aiming to secure ownership rights to land that farmers had cultivated for years. • **Muzara Movement's Origins** - It was initiated in Punjab, where Jagridars sought a share of the farmers' crops, which would then be passed on to the Maharaja of Patiala and ultimately to the British. • **1949 Kishangarh Clash** - Post-independence, Maharaja's land allocation sparked farmer protests. A confrontation on March 19th led to casualties. • **PEPSU Province** - Patiala and East Punjab States Union (PEPSU) formed in 1948, comprising eight princely states, including Patiala and parts of present-day Himachal Pradesh. • **Agrarian Reforms** - The 1952 PEPSU Tenancy Act aimed to grant land ownership to tenants, addressing the movement's demands.
Geography
Mount Lewotobi Laki Erupts Violently *Located in island of Flores in East Nusa Tenggara province, Indonesia, experienced 3 significant eruptions on a single day.* • **Categorized as** - Stratovolcanoes. • **Huge Ash Plume -** The eruptions generated an ash plume that rose to a height of 8,000 meters, leading officials to widen the danger zone surrounding the volcano. • The volcano belongs to a dual-volcano system that the nearby inhabitants view as masculine and feminine peaks.   - The male volcano is called Lewotobi Lakilaki, whereas the female peak is referred to as Lewotobi Perempuan.

Hemavathi River

Recent reports indicate that 2 young individuals drowned while swimming in the Hemavathi River.

- **Tributary** - Of the Kaveri River.
- **Originating** - In the Western Ghats near Ballala Rayana Durga in Karnataka's Chikmagalur District.
- **Coverage** - Flows through Tumkur & Hassan District, where it meets its main tributary, the Yagachi River, before continuing into Mysore District and eventually merging with the Kaveri at Krishnarajasagara.
- **Hemavati Reservoir** - located near Gorur village.

Polity & Governance

Central Government Plans Single Job Application Portal

Union government is developing a "Single Job Application Portal" to streamline the job search process for young people.

- **Nodal agency**- Ministry of Science and Technology
- **Objective** – Ease the burden on job seekers and save their time and energy" by eliminating the need to apply on multiple platforms.
- **Recruitment Reforms –** Average recruitment cycle to be significantly reduced from 15 months to 8 months.
- Recruitment exams are now conducted in 13 regional languages.

International Relations and Issues

Iran Unveils Missile Systems on Strategic Gulf Islands

*Recently, Iran's Revolutionary Guards have deployed new missile systems on 3 strategic **Gulf islands, Greater Tunb, Lesser Tunb, and Abu Musa** near the Strait of Hormuz, a globally vital shipping lane.*

- The weapons can target enemy bases, vessels, and assets.
- The deployment comes as Iran prepares to respond to a letter from US President Donald Trump urging resumption of nuclear talks.
- Iran has controlled the islands since 1971, despite their sovereignty being disputed with the UAE.
- The new systems can completely destroy any target within 600 kilometers.

Environment

Anthurium flowers

Recently India has achieved a significant milestone by exporting Anthurium flowers from Mizoram to Singapore for the 1st time, showcasing progress in the country's floriculture industry.

- Anthurium is a tropical plant celebrated for its ability to purify the air.
- **Grown indoors**- It effectively eliminates harmful substances such as formaldehyde, ammonia, toluene, xylene, and various allergens from the environment.
- **Recognized by** –NASA as one of the top air-purifying plants, highlighting its role in enhancing indoor air quality.
- **Naturally grown** - In the northeastern regions of India, including Mizoram, Meghalaya, and Arunachal Pradesh.
- **Agricultural and Processed Food Products Export Development Authority (APEDA)** - Operates under the Ministry of Commerce & Industry in India.
- **Aims** – At promoting & developing the export of agricultural and processed food items while creating global market connections for Indian products.

Security

India-France Bilateral Naval Exercise Varuna 2025

23rd edition of the India-France bilateral naval exercise, held in the Arabian Sea from March 19th to 22nd.

• **Exercise -** Officially named 'Varuna' in 2001.

• **Aims to** - Enhance combat readiness, strengthen joint tactical coordination, deepen maritime security cooperation & also testing underwater domain awareness and tactics.

• **Key highlights** - Includes joint carrier battle group operations, advanced air defense drills, anti-submarine warfare exercises, surface warfare operations, maritime patrol aircraft, and logistics cooperation.

Science

GPS Spoofing

Between November 2023 and February 2025, 465 incidents of GPS interference and spoofing were reported in the Amritsar and Jammu border region.

• **Spoofing attack –** It is a cyberattack where fake data is disguised as coming from a trusted source to deceive systems or users.

• **Types of spoofing**

• **GPS spoofing & IP spoofing –** Is frequently employed to evade detection during the execution of *Distributed Denial of Service (DDoS) attacks.*

A DDoS attack refers to a deliberate effort to interrupt the standard flow of traffic to a specific server, service, or network by inundating the target and its associated infrastructure with an excessive amount of Internet traffic.

• **SMS spoofing & caller ID spoofing** – Where communications, such as messages or calls, appear to come from an alternate number or caller ID.

Noma: A Devastating Disease

Noma, or cancrum oris, is a severe gangrenous illness, primarily affecting young children.

• **WHO Classification** - It's recognized as a neglected tropical disease by the World Health Organization (WHO).

• **Geographic Prevalence** - Most common in sub-Saharan Africa, with cases also in Asia and the Americas.

• **Disease Characteristics** - Rapid progression leads to severe disfigurement and social stigma.

• **Risk Factors** - Malnutrition, poor hygiene, infections, poverty, and weakened immunity, especially in HIV-positive children, increase vulnerability.