# 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 22th.*

• **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.

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