

## UPSC Daily Current Affairs| One Liners 28-03-2025

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#### History, Art and Culture

##### Post Office Honors Mata Karma

The Department of Posts released a commemorative stamp for Mata Karma's 1009th birth anniversary in Raipur, recognizing her spiritual and social contributions.

- **Mata Karma** - Devotee and Reformer was a spiritual leader devoted to Lord Krishna, known for her dedication to social reform and women's empowerment.
- **Spiritual Journey and Divine Offering** - Her devotion led her to Puri, where she offered khichdi to Lord Krishna, a ritual now part of the Jagannath Temple's traditions.
- **Social Reform Efforts** - She actively fought against social evils like untouchability and conservatism, advocating for unity and equality.
- **Enduring Legacy** - Mata Karma's teachings continue to inspire generations to combat discrimination and promote social harmony, leaving a lasting impact on Indian culture.

##### "Baalpan ki Kavita" Launched

Recently, Department of School Education & Literacy (DoS&E), Ministry of Education, launched "Baalpan ki Kavita" to preserve and promote Indian rhymes for young children, aligning with NEP 2020.

- **Initiative's Core Purpose** - The initiative aims to compile nursery rhymes and poems in Indian languages and English, rooted in Indian culture, to enhance early childhood education.
- **Contribution Categories** - Contributors can submit existing folklore rhymes or new poems for children in pre-primary (3-6 years), Grade 1 (6-7 years), and Grade 2 (7-8 years) categories.
- **Key Objectives** - The initiative seeks to provide culturally relevant, joyful learning experiences, strengthen multilingual education, and ensure age-appropriate learning materials.
- **Promoting Cultural Preservation** - Baalpan ki Kavita encourages public participation in preserving traditional Indian rhymes, fostering cultural continuity and engagement.

#### Geography

##### Ancient Impact Crater Discovered

Scientists have recently found Earth's oldest known meteorite impact crater in Western Australia's Pilbara region, dating back over 3.5 billion years.

- **Significance of the Age** - This crater is more than a billion years older than any previously discovered impact site, reshaping our understanding of early Earth.
- **Impact on Continental Formation** - The discovery supports theories that meteorite impacts played a crucial role in forming Earth's first continents.
- **Influence on Early Processes** - The crater's age suggests it may have significantly influenced chemical and biological processes during Earth's infancy.
- **Supporting External Force Theory** - The findings bolster the hypothesis that external forces, like meteorite impacts, were key drivers in early continental formation, not just internal geological activity.

#### Polity & Governance

### **Telangana Adopts Central Organ Transplant Act**

*Recently, Telangana has adopted the Transplantation of Human Organs and Tissues Act, 1994, replacing its 1995 legislation. This aligns the state with national standards and incorporates the 2011 amendments.*

- **Purpose of the Act** - The Act regulates the removal, storage, and transplantation of human organs and tissues, aiming to prevent illegal commercial dealings and ensure ethical practices.
- **Organ Donation Sources** - The Act permits organ donations from both deceased and living donors.
- **Living Donor Eligibility** - Must be close relatives, such as parents, siblings, or spouses. Altruistic donations from distant relatives or friends are allowed but require rigorous scrutiny.
- **Regulatory Framework** - The Act defines the roles of healthcare providers and hospitals, establishing penalties for violations to maintain transparency and prevent exploitation.

### **BHIM 3.0 Version**

*National Payments Corporation of India (NPCI) has recently launched the BHIM (BHarat Interface for Money) 3.0.*

- **Multilingual Accessibility** - BHIM 3.0 supports 15+ Indian languages, broadening its reach and user-friendliness.
- **Optimized for Low Connectivity** - The app is designed to function smoothly in areas with poor or unstable internet, ensuring reliable service.
- **Integrated Task Assistance** - A built-in task assistant provides timely reminders for pending bills, UPI Lite activation, and low UPI Lite balance alerts, improving user management.
- **BHIM Vega for Merchants** - This new feature offers an in-app payment solution for merchants, simplifying transaction processes.
- **Seamless Merchant Platform Integration** - BHIM Vega integrates directly with online merchant platforms, eliminating the need for third-party apps and enhancing customer convenience.

## **Economy**

### **CBDT Increases Safe Harbour Threshold**

*The Central Board of Direct Taxes (CBDT) has amended Income-tax Rules, raising the safe harbour threshold from ₹200 crore to ₹300 crore. This adjustment aims to reduce litigation and simplify transfer pricing compliance for taxpayers.*

- **Understanding Safe Harbour Rules** - Safe harbour rules, established under Section 92CB of the Income-tax Act, 1961, are a vital part of India's transfer pricing framework. They allow eligible taxpayers to adopt predefined prices for specific international transactions, thereby minimizing disputes with tax authorities.
- **Defining Key Terms**
- **Transfer Price** - The actual price charged in transactions between related entities within a multinational enterprise group.
- **Arm's Length Price** - The price that would be agreed upon by independent, unrelated parties in an open market transaction.
- **Safe Harbour** - Circumstances where tax authorities accept the transfer price declared by the taxpayer, avoiding further scrutiny.
- By increasing the threshold, the CBDT seeks to provide relief to a larger number of taxpayers and promote ease of doing business, while maintaining a robust transfer pricing regime.

## **Environment**

### Karnataka's Elephant Soft-Release Plan

*Karnataka will soft-release captured elephants into Bhadra Wildlife Sanctuary, aiming for their successful reintegration into the wild.*

- **Bhadra Wildlife Sanctuary Overview** - Located in Chikkamagaluru and Shivamogga districts, Bhadra is a Project Tiger Reserve, established in 1951, known for its successful village relocation and diverse terrain.
- **Flora Diversity**- The sanctuary features Southern Moist Mixed Deciduous, Dry Deciduous, and Shola forests, housing species like Teak, Bamboo, Cinnamon, and Neelakurinji.
- **Fauna Richness** - Bhadra is home to diverse fauna, including tigers, elephants, over 250 bird species, various reptiles like King Cobras, and numerous butterfly species.
- **Monitoring and Gradual Release** - Elephants will be monitored here for months under veterinary care, with no human interaction, to facilitate their adaptation. Once adapted, they will be released into the sanctuary's wider population.

### **Science**

#### Lyme Disease Breakthrough

*Scientists have identified the BbLDH enzyme as critical for Borrelia burgdorferi, the Lyme disease bacterium, enhancing understanding of its survival and infectivity.*

- **Lyme Disease Overview** - Is a bacterial infection caused by *Borrelia burgdorferi*, leading to potential complications in the skin, heart, brain, and joints.
- **Transmission Mechanism** - The disease is transmitted to humans through the bite of infected deer ticks (black-legged ticks), and not all tick bites result in Lyme disease.
- **Non-Transmission Routes** - Lyme disease does not spread between humans, from pets to humans, or through air, food, water, or insects like lice, mosquitoes, fleas, and flies.
- **Global Prevalence** - It is prevalent in wooded and grassy areas worldwide, particularly in North America, Europe, and parts of Asia, especially during warmer months.
- **Symptoms and Complications** - Typical symptoms include fever, headache, fatigue, and erythema migrans rash. Untreated, it can affect joints, the heart, and the nervous system.
- **Treatment and Cure** - Early antibiotic treatment usually cures Lyme disease, emphasizing the importance of prompt medical intervention.

### **Miscellaneous**

#### New Pamban Rail Bridge Inauguration

*16. Narendra Modi will inaugurate the new Pamban rail bridge on April 6, 2025, coinciding with Ram Navami, enhancing connectivity to Rameswaram Island.*

- **Bridge Construction Details** - The bridge, built at a cost of ₹531 crore, will significantly improve railway infrastructure between Ramanathapuram and Rameswaram.
- **Prime Minister's Itinerary** - Modi's visit includes the bridge inauguration, flagging off a new Tambaram-Rameswaram train, and addressing a public gathering in Rameswaram.
- **Old Bridge's - Was India's first sea bridge, which opened in 1914.** Recently, Due to its deteriorated condition, the old Pamban rail bridge will be dismantled, with select parts preserved as heritage artifacts.
- **New Bridge** - It is India's first vertical-lift railway sea bridge connects Rameswaram on Pamban Island to Mandapam on the mainland in Tamil Nadu.
- **Bridge Length** - The total length of the bridge is 2.078 km.