

## UPSC Daily Current Affairs| One Liners 11-08-2025

### One Liners 11-08-2025

#### History, Art and Culture

##### Bhasha Samman

- **Instituted in** - 1996, by *Sahitya Akademi*.
- **Awarded to** - *Writers, scholars, editors, collectors, performers or translators* who have made considerable contribution to the propagation, modernization or enrichment of the languages concerned.
- **Price** - Rs.1 lakh.
- **Annual award** - Given for *3-4 persons* in different languages on the basis of recommendation of experts' committees.

##### Sahitya Akademi

- It is an autonomous body under *Ministry of Culture*.
- **Established in** - 1954.
- **Registered under** - Societies Registration Act, 1860.
- **Objectives** - To promote of *Indian literature in 24 languages*.
- To encourage the preservation and promotion of languages, not only the recognized languages but specially the *unrecognized and tribal language* of India.

#### Environment

##### Sustainable Alternative to Plastics

*IIT-Madras have developed an agriculture waste-based packaging material using 2 fungal mushrooms.*

- **Two strains** -
  - *Ganoderma lucidum*, known for its medicinal properties.
  - *Pleurotus ostreatus*, recognized for its edibility, nutritional value, and medicinal properties.
- **Production** - These strains were allowed to grow on 5 different substrates such as *cardboard, sawdust, paper, coco pith, and hay*.
- **Alternative material** - Ganoderma on cardboard achieved a *compressive strength greater* than expanded polystyrene (EPS).
- **Significance** - Reduce the 4 million-odd tonnes of plastic waste.

#### Science

##### Criteria for Setting up Nuclear Plant

- **Geography** - Topography & accessibility.
- **Infrastructure** - For transportation & construction facilities.
- **Resources** - Township for staff, and availability of power,
- Feasibility of power evacuation and availability of cooling water.
- **Safety aspects related to** - Geology, seismology (not falling in seismic zone V) and meteorology.

### **Steps to Enhance Gestation Period for Nuclear Plant**

- **Tech-Driven Design** - Use of extensive application of computers in speeding design process.
- **Workflow Optimization** - To provide sophisticated tools for project management.
- **Construction Innovation** - Enhance advancement in civil construction methodology and mechanization.
- **Concurrent Construction** - To build a parallel civil and mechanical erection & open top construction.

### **Computer & Information Security Advisory Group (CISAG)**

- It is a specialist groups under *Department of Atomic energy (DAE)*.
- **Aim** - To *focus on the cyber security and information security* of DAE units, including nuclear facilities.
- To regulate cyber security audit of Nuclear Power Corporation of India Limited.

### **Seismic Microzonation Data**

*Total 3032 earthquakes were recorded within India including Bay of Bengal, Andaman Sea during last 5 years.*

- **Seismic microzonation** - It is a process of classifying a *region into zones of relatively similar exposure* to various earthquake-related effects.
- **Released by** - *National Centre for Seismology*, Ministry of Earth Science.
- **Seismic observatories** - 168 stations across India.

### **Miscellaneous**

#### **Field Marshal Manekshaw**

*Recently, Field marshal Manekshaw has been included in class 8<sup>th</sup> Urdu NCERT curricula.*

- **Birth** - 1914, Amritsar.
- **Recognition** - 1<sup>st</sup> Indian military officer to be promoted to the rank of field marshal, the highest rank in the Indian Army.
- **Participated in** - World War II, India-Pakistan War in 1947 & 1965.
- **Awarded** - *Padma Bhushan* in 1968 and *Padma Vibhushan* in 1972.

#### **Brigadier Mohammad Usman**

*Recently, Brigadier Mohammad Usman has been included in class 7<sup>th</sup> Urdu NCERT curricula.*

- He famously known as the *"Lion of Nowshera"*.
- **Birth** - 1912, in Azamgarh, UP.
- **Participated** - *Battle of Nowshera, Indo-Pak war of 1947-48.*
- He was commanding the 50 (Independent) Parachute Brigade in Jammu and Kashmir.
- He was the highest-ranking officer of the Indian Army to be killed in action during the 1947-48 war.
- **Awarded posthumously** - Maha Vir Chakra (MVC), India's *second-highest wartime gallantry* award.

#### **Major Mohit Sharma**

*Recently, Major Mohit Sharma has been included in class 8<sup>th</sup> English NCERT curricula.*

- His code name was *"Iftikhar Bhatt"*.
- **Birth** - 1978 in Rohtak, Haryana.
- **Participated in** - Covert operation, died while leading Bravo Assault team and saved 2 soldiers.
- **Awarded** - 1<sup>st</sup> medal for gallantry *COASM (Chief of Army Staff Commendation Medal)* in the year 2002.
- "Sena Medal" gallantry for his act of bravery.
- Ashoka Chakra (posthumously) which is *highest peacetime gallantry award*.



**SHANKAR**  
**IAS PARLIAMENT**  
*Information is Empowering*