



### **Draft Legal Metrology (Indian Standard Time) Rules, 2025**

- **Aim** - One Nation, One Time.
- **Published by** - Legal Metrology Division.
- **Association with** - National Physical Laboratory (NPL) and India Space Research Organization (ISRO).
- **Nodal Ministry** - Ministry of Consumer Affairs, Food & Public Distribution
- **Rule** - It is a comprehensive rule *standardizing and mandating the use of Indian Standard Time (IST)* across India.
- **Feature** - It provides a unified and precise timekeeping framework for strategic, non-strategic, industrial and societal applications.

### **Water Use Efficiency-Strategies for a Sustainable Future**

- **Organized by** - Bureau of Water Use Efficiency (BWUE) and Indian Plumbing Association (IPA).
- **Nodal Ministry** - Ministry of Jal Shakti.
- **Concept** - It is a *one-day workshop* with a focus on the domestic water sector.
- **Role** - Low-flow fixtures and smart sanitary ware solutions in reducing water consumption.

### **Uniform Civil Code (UCC)**

*Uttarakhand becomes the 1<sup>st</sup> state to implement UCC from January 27.*

- **UCC** - It is a call for the formulation of *One Law for India*.
- **Under** - *Article 44*.
- **Article 44** - It states that the State shall endeavour to secure a Uniform Civil Code for the citizens throughout the territory of India.
- **Aim** - To provide protection to vulnerable sections as envisaged by Ambedkar including women and religious minorities.
- **Feature** - Applicable to *all religious communities* in matters such as marriage, divorce, inheritance and adoption.

## **Economy**

### **Certificate of Origin (eCoO) 2.0**

- **Launched by** - Directorate General of Foreign Trade (DGFT).
- **Nodal Ministry** - Ministry of Commerce & Industry.
- **eCoO 2.0** - It is a platform designed to *simplify the certification process for exporters*.
- The electronic filing of *Non-Preferential Certificates of Origin become mandatory* through this platform.
- **Feature** - It allowing exporters to request corrections to previously issued certificates through an easy online application process.

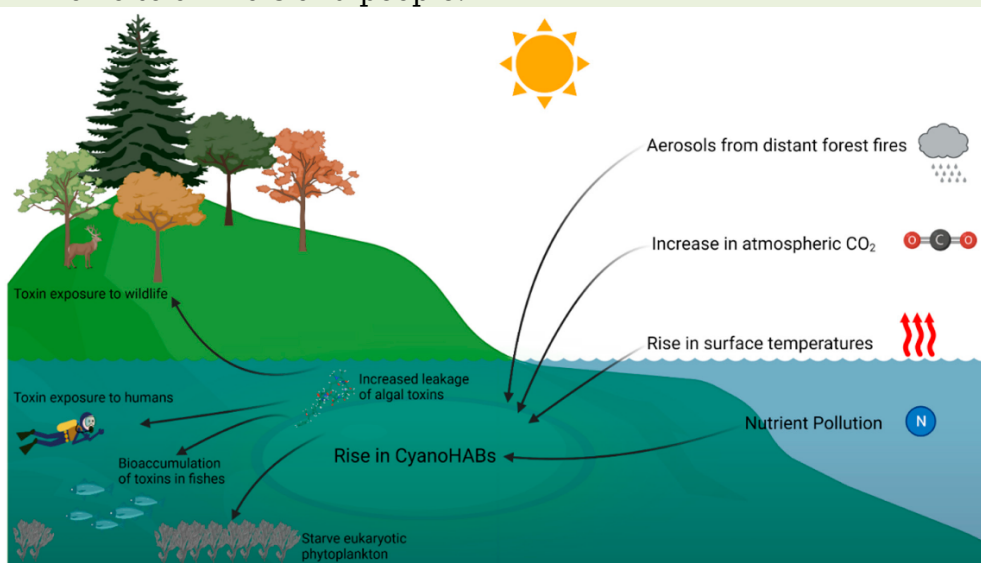
## **Environment**

## Cyanobacteria

- **Cyanobacteria** - It is a *photosynthetic microscopic bacteria* that live in all types of waterbodies.
- It is a *single-celled organisms* and produces toxins called *Cyanotoxins*.
- It is known as Cyanophyta, Cyanoprokaryota, Chloroxybacteria, and *Blue-Green Algae*.

## Cyanobacterial Harmful Algal Blooms (CyanoHABs)

- **CyanoHABs** - *Increase in population* of cyanobacteria results in Harmful Algal Blooms (HABs).
- **Causes** - It turns the waterbody into *bright green or blue-green*.
- It forms a discoloration and mat on the bottom sediments of the water column.
- It causes *Dissolved Oxygen (DO)* swings.
- **Impact** - Plant and animal die-off
  - Taste and odor issues
  - Polluted water
  - Toxic to animals and people.



## Science

### Parkinson Disease (PD)

- **PD** - It is a *brain condition* that causes problems with movement, mental health, sleep, pain and other health issues.
- **Symptoms** - Tremors, painful muscle contractions and difficulty speaking.
- **Risk factors** - Usually occurs in *older people*, and younger people also affected.
  - *Men are affected more* than women.
- **Treatment** - There is *no cure*, therapies and medicines can reduce symptoms.

## Miscellaneous

### Malaria-Free Certification

- **Elimination Process** - It requires a country to demonstrate the transmission of indigenous malaria has been interrupted nationwide for at least *3 consecutive years*.
- **Officially recognized by** - World Health Organization (WHO) of a country's malaria-free status.
- **Advisory body** - Technical Advisory Group on Malaria Elimination and Certification (TAG-MEC).
- **Georgia** - It has officially been *certified as malaria-free*.
- **Turkey** - It remains the only country in the WHO European Region *not yet certified* malaria-free.



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