UPSC Daily Current Affairs| One Liners 12-08-2025

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Geography

Uranium Deposits in India

Atomic Minerals Directorate for Exploration and Research (AMD) has established 4,33,800 tonnes of Uranium resources (U^{3O8}) in India.

• **Uranium –** It is a *naturally occurring radioactive element that* decays over time and releases concentrated energy.
• **Properties** –*18.7 times denser than water.*
• It is about *500 times more common than gold* in the Earth's crust.
• **Uses –** *Uranium-235* is the primary isotope used in nuclear reactors to produce energy.
• **In India –** Andhra Pradesh, Telangana, Jharkhand, Meghalaya, Rajasthan, Karnataka, Chhattisgarh, Uttar Pradesh, Uttarakhand, Himachal Pradesh and Maharashtra.

Atomic Minerals Directorate for Exploration and Research

• It is a constituent unit of *Department of Atomic Energy (DAE).*
• **Established in –** 1949 as *'Rare Minerals Survey Unit'.*
• **Headquarter –** Hyderabad.
• **Regional centres –** Shillong, Jaipur New Delhi, Benguluru Kolkata, Jamshedpur and Nagpur.
• **Aim –** To *identify and evaluate mineral resources* of uranium, thorium, niobium, tantalum, beryllium, lithium, zirconium, titanium and rare earths containing uranium and thorium.

International Relations and Issues

'World Food India'(WFI) Conference

The WFI conference will be held at the end of October in India.

• A global event to facilitate *partnerships between Indian and international businesses* and investors.
• **Organised by –** Ministry of Food Processing Industries.
• **Aim –** To provide an opportunity for both *investment and trade in the food processing sector* for leading Indian and international companies.

Economy

Bureau of Indian Standards (BIS)

Recently, Ayush collaborated with BIS for formulation of Indian Standards including traditional and modern aspects of products and services.

• It is the *national standard body* of India.
• **Statutory body –** Established in 1986 by *Ministry of Consumer Affairs, Food and Public Distribution.*
• **Objectives –** For *standardization, product and system certification, hallmarking* of Gold/Silver jewellery, laboratory testing etc.
• To handles *global standardization and certifications.*

Agriculture

Digital Agriculture Mission

• **Established in –** 2024, by *Ministry of Agriculture & Farmers Welfare.*
• **Objectives –** To create a robust *digital agriculture ecosystem.*
• To create a Digital Public Infrastructure (DPI), such as Agri Stack, Krishi Decision Support System and other IT initiatives.

Agri Stack

• It is a nationwide, *farmer-centric digital public infrastructure.*
• **Introduced in –** 2021, by Ministry of Agriculture & Farmers Welfare.
• **Umbrella program –** Digital Agriculture Mission.
• **3 foundational registries –**
  - Geo-Referenced Village Maps.
  - Crop Sown Registry.
  - Farmers Registry.

Science

Cancer AI & Technology Challenge (CATCH) Grant Program

• **Launched by –** IndiaAI Independent Business Division (IBD), with National Cancer Grid (NCG).
• **Nodal ministry –** Ministry of Electronics & IT.
• **Aim –** To support the development and deployment of innovative AI solutions to strengthen cancer screening, diagnostics, treatment support, and healthcare operations across India.

IndiaAI Independent Business Division (IBD)

• It is an independent business division under *Digital India Corporation (DIC).*
• **Established in –** 2023.
• **Nodal ministry –** Ministry of Electronics and Information Technology (MeitY)
• **Aim –** To innovate and improve the *application of AI in day to day lives of citizens* of India.

WaveX

• It is the dedicated *startup accelerator platform*.
• **Initiated by –** Ministry of Information & Broadcasting.
• **Aim –** To nurture innovations in *media, entertainment, and language technology.*
• To *empower next-gen innovators* through hackathons, mentorship, and national platform integration.
• **Contests initiated –** Bhasha Setu and Kalaa Setu.

Miscellaneous

Wainwright Prize

Recently, Mr. Yuvan Aves who became 1st South Asian writer to be nominated for the Wainwright prize.

• It is *UK-based literary prize* awarded annually.
• **Established in –** 2013 after Alfred Wainwright.
• **Aim –** To spotlight the growing *genre of nature writing* and inspire readers to connect more deeply with the natural world.
• **Awarded for –** 'Intertidal' book.