UPSC Daily Current Affairs| One Liners 18-02-2025

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Polity & Governance

Pradhan Mantri Matsya Sampada Yojana (PMMSY)

*India is the world's **2nd largest fish producer**, with around 8% share across the world.*

• **Launched in** – *2020*.
• **Nodal Ministry** – Ministry of Fisheries, Animal Husbandry and Dairying.
• **Objective** – To *help the fisheries sector achieve new heights* while ensuring socio-economic welfare of fishers, fish farmers and other stakeholders.
• **Duration** –*5 years* (2020-2025).

Pradhan Mantri Matsya Kisan Samridhi Sah-Yojana (PMMKSSY)

• **Launched in** – *2023*.
• **Umbrella scheme** – PMMKSSY is a component under the Pradhan Mantri Matsya Sampada Yojana (PMMSY).
• **Nodal Ministry** – Ministry of Fisheries, Animal Husbandry and Dairying.
• **Objectives –** To address the *inherent weaknesses of the sector* through identified financial and technological intervention for bringing in institutional reforms.
• **Duration** – *4 years* (2023-2027).

Fish Farmers Producer Organizations (FFPOs)

• **Objective –** To provide *financial assistance* to economically empower the fishers and fish farmers and enhance their bargaining power.
• **Umbrella scheme** – Pradhan Mantri Matsya Sampada Yojana (PMMSY).
• **Nodal Ministry** – Ministry of Fisheries, Animal Husbandry and Dairying.

National Geospatial Knowledge-based Land Survey of Urban Habitations (NAKSHA)

• **About** – It is a pilot program, having technical partnership with *Survey of India*.
• **Aim** – To *create and update land records in urban areas* to ensure accurate and reliable documentation of land ownership.
• **Initiative of** – *Department of Land Resources*, Ministry of Rural Development.
• It will empower citizens, *improve ease of living*, enhance urban planning, and reduce land-related disputes.
• **Nodal Ministry** – Ministry of Rural Development and Ministry Agriculture & Farmers' Welfare.
• **Coverage** – 152 Urban Local Bodies (ULBs) across *26 States and 3 Union Territories (UTs)*.

Bilateral Relations

India-Qatar Joint Business Forum

• **Organized by** – Confederation of Indian Industry (CII) and Department for Promotion of Industry and Internal Trade (DPIIT).
• **Vision** – For *long-term economic cooperation*, reinforcing the countries commitment to fostering trade, investment, and innovation across key sectors.
• **Objective** – To convene top business leaders, policymakers, and industry stakeholders to explore investment opportunities, technological collaboration, and economic partnerships.

Economy

Electricity Generation Capacity in India

• Out of the total electricity generation capacity from thermal power plants, ***private sector*** *power plants have a capacity of 36.20%*, the State sector has 32.03% and the central sector has the capacity of 31.77%.
• NITI Aayog data show that India accounts for 20,794.36 kg of carbon emission from electricity generation.
Electricity is a ***Concurrent subject*** *(Entry 38 of List III of the Seventh Schedule of the Constitution), which allows both the central and State governments to legislate on electricity matters.*
• According to the Central Electricity Authority (CEA), ***Maharashtra*** had the *highest non-renewable electricity generation capacity*, followed by Uttar Pradesh and Gujarat in 2022-23.
• ***Rajasthan*** had the *highest renewable electricity* generation capacity in India.

Science & Technology

Bacterial Cellulose

• **Bacterial cellulose** – It is a *biodegradable, natural polymer* produced by certain bacteria.
• **Usage** – Human medicines, paper restoration, food, cosmetics textiles, construction materials, electronics and blood vessel regeneration.
• **Potential Applications** – Agriculture, such as facilitating grafting, preserving cut plant material and serving as a growth medium in laboratories.
• It is also known as *microbial cellulose*.

Matsya-6000

• It is the *4th Generation deep-ocean human scientific submersible*.
• **Part of** – Samudrayan Project.
• **Capacity** – To accommodate 3 humans within its compact 2.1-meter diameter spherical hull.
• **Design and developed by** – National Institute of Ocean Technology of Ministry of Earth Sciences.
• **Array of components:**
  - A main ballast system for diving
  - Thrusters for movement in all three directions
  - A battery bank for power supply
  - Syntactic foam for buoyancy.

Miscellaneous

Forward Faster Sustainability Awards 2025

• **Organized by** – UN Global Compact Network India (UN GCNI).
• **Awarded to –** National Thermal Power Corporation (NTPC) Ltd, India's largest integrated power utility.
• **Category** – Water Resilience.
• **Awarded for –** Organizations in India that have made significant strides in advancing sustainability and corporate responsibility, aligning with the United Nations Sustainable Development Goals (SDGs).
• **Eligibility:**
- Business of any size and sector.
- Enterprises with less than 10 employees up to multinational corporate with more than 10,000 employees.

ANARNET

• **About** – ANARNET is India's traceability system, ensuring transparency and building consumer confidence in international markets.
• **Developed by** – Agricultural and Processed Food Products Export Development Authority (APEDA).
• **Enhance consumer trust** – It can ensure that Indian agricultural products meet the highest global standards, enhancing consumer trust worldwide.

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