



★ RELEVANT FOR UPSC PRELIMS & MAINS ★

SOURCES:



PIB
pib.gov.in



Ministry
Press Releases



PRS India
prsindia.org



ISRO
isro.gov.in

UPSC SYLLABUS RELEVANCE

GS I | GS II | GS III
PRELIMS FACTS
& MAINS ANALYSIS

1



India Launches National Blue Carbon Mission

Why in News?

The Ministry of Environment, Forest and Climate Change launched the National Blue Carbon Mission to conserve and restore coastal ecosystems & boost carbon sequestration.



Key Points

- Focus on mangroves, seagrass meadows and salt marshes.
- Aims to map 10 million hectares of coastal ecosystems by 2030.
- Supports India's Net Zero target and climate resilience.
- Will generate blue carbon credits for local communities.



Prelims Facts

- Blue Carbon:** Carbon stored in coastal and marine ecosystems.
- Mangroves cover:** ~4,992 sq. km in India (ISFR 2023).
- Ministry:** MoEFCC



Mains Link

GS III – Environment, Climate Change, Conservation, Sustainable Development

2



PM Inaugurates Three New Vande Bharat Express Trains

Why in News?

Prime Minister inaugurated three new Vande Bharat Express trains connecting key regions to enhance connectivity and reduce travel time.



Key Points

- Trains connect Patna–Ranchi, Coimbatore–Bengaluru and Guwahati–Agartala.
- Built with indigenously developed semi-high speed technology.
- Aims to promote tourism, trade and regional development.
- Part of Amrit Bharat Station Scheme and Make in India.



Prelims Facts

- Vande Bharat Trains:** Semi high-speed, self-propelled train sets.
- Max Speed:** 160 kmph (design).
- Manufacturer:** Integral Coach Factory (ICF), Chennai.



Mains Link

GS III – Infrastructure, Transport, Make in India

3



RBI Approves UPI Credit Line for Small Merchants

Why in News?

RBI approved interoperability of UPI with credit lines to help small merchants access affordable working capital through digital platforms.



Key Points

- Merchants can access credit at point of sale via UPI.
- Will improve cash flow and increase digital transactions.
- Implemented in partnership with banks and NPCI.
- Expected to benefit over 60 million small merchants.



Prelims Facts

- UPI:** Unified Payments Interface.
- NPCI:** National Payments Corporation of India.
- Regulator:** Reserve Bank of India.
- Launched:** 2016.



Mains Link

GS III – Economy, Banking, Digital India, Financial Inclusion

4



Green Hydrogen Standard Guidelines Notified

Why in News?

Bureau of Indian Standards (BIS) notified the first set of standards for Green Hydrogen to ensure quality, safety and global competitiveness.



Key Points

- Standards cover production, storage, transport and usage.
- Aligns with National Green Hydrogen Mission targets.
- To promote investment, exports and clean energy transition.
- India aims for 5 MMT green hydrogen output by 2030.



Prelims Facts

- Green Hydrogen:** Hydrogen produced using renewable energy.
- Nodal Ministry:** Ministry of New & Renewable Energy (MNRE).
- India's Target:** 5 MMT by 2030.



Mains Link

GS III – Energy, Environment, Clean Technology, Climate Action

5



IndiaAI Mission Enters Next Phase with 5 New Centres

Why in News?

The IndiaAI Mission announced five new AI Innovation Centres to accelerate research, startups and skilling in emerging technologies.



Key Points

- New centres in Pune, Bhubaneswar, Indore, Kochi and Guwahati.
- Focus on healthcare, agriculture, education, governance and fintech.
- Strengthens India's AI ecosystem and startup support.
- Public-private partnership model with industry collaboration.



Prelims Facts

- IndiaAI Mission launched:** 2024.
- Nodal Body:** MeitY.
- Aim:** AI innovation, compute capacity and skilling.
- Part of:** Digital India.



Mains Link

GS III – Science & Technology, Innovation, Digital Economy

PRELIMS RAPID REVISION



Blue Carbon Mission
Focus on conserving mangroves, seagrass and salt marshes.



Vande Bharat Trains
Semi high-speed, indigenous trains; Max speed 160 kmph.



UPI Credit Line
RBI allows credit line on UPI for small merchants.



Green Hydrogen
BIS issues standards; India target 5 MMT by 2030.



IndiaAI Mission
5 new AI centres to boost innovation, startups and AI skilling.