



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



NITI Aayog Launches 10-Year Bioeconomy Roadmap

Why in News?

NITI Aayog released the BioE3 (Biotechnology for Economy, Environment and Employment) Policy Roadmap 2026–2036 to position India as a global bioeconomy leader.

Key Points

- Aims to unlock \$300 billion bioeconomy by 2036.
- Focus on biomanufacturing, bioresources, and bio-AI.
- Will create 1 crore direct and indirect jobs.
- Emphasis on sustainability, circular bioeconomy and innovation.

Prelims Facts

- Bioeconomy: Use of biological resources for products, processes and services.
- BioE3 Policy launched: 2026
- Nodal Body: NITI Aayog
- Previous Policy: 2018

Mains Link

GS III – Biotechnology, Economy, Environment, Employment

2



White Gold: India's Cotton Story

Why in News?

PIB released a special feature on India's cotton sector highlighting its economic importance, productivity gains and role in the textile value chain.

Key Points

- India is the world's largest cotton producer.
- Cotton production in FY 2025–26 estimated at 362 lakh bales.
- MSP for cotton increased to ₹7,521 per quintal.
- Strong growth in exports of cotton yarn and textiles.

Prelims Facts

- Cotton is a Kharif crop.
- Major Cotton States: Gujarat, Maharashtra, Telangana, Karnataka, Punjab.
- India contributes about 24% of global cotton production.

Mains Link

GS III – Agriculture, Industry, Economy, Employment

3



EPFO Launches VISHWAS 2026

Why in News?

The Employees' Provident Fund Organisation (EPFO) launched VISHWAS 2026 (Viksit, Sahaj, Saral aur Vishwasniya Samadhan) to further simplify services and enhance trust.

Key Points

- Aims to resolve long-pending claims and grievances.
- Promotes ease of compliance for employers.
- Digital initiatives for faster settlements.
- Strengthens social security ecosystem for workers.

Prelims Facts

- EPFO established: 1952
- Governing Ministry: Ministry of Labour & Employment
- EPF Act: 1952
- Coverage: Organised sector employees.

Mains Link

GS III – Governance, Social Justice; GS III – Labour Reforms

4



India's First Geothermal Wells Commissioned in Ladakh

Why in News?

India's first geothermal exploratory wells were commissioned in Puga Valley, Ladakh marking a major step in harnessing clean energy.

Key Points

- Two wells drilled to a depth of approx. 1,000 metres.
- Part of Geothermal Energy Development Programme.
- Potential to provide round-the-clock renewable energy.
- Ladakh has high geothermal potential due to tectonic activity.

Prelims Facts

- Geothermal Energy: Heat from within the Earth.
- Puga Valley is a geothermal prospect in Ladakh.
- India's installed renewable energy target: 500 GW by 2030.

Mains Link

GS I – Physical Geography; GS III – Energy, Environment

5



Semiconductor Skill Centres Established by NIELIT

Why in News?

NIELIT has set up 10 new Semiconductor Skill Centres across India to develop skilled talent for the semiconductor industry.

Key Points

- Centres set up under India Semiconductor Mission.
- Training in chip design, fabrication support and testing.
- Industry-academia collaboration for skilling.
- To support India's goal of building a strong semiconductor ecosystem.

Prelims Facts

- NIELIT: National Institute of Electronics & Information Technology
- India Semiconductor Mission launched: 2021
- Aim: Atmanirbhar Bharat in chips.

Mains Link

GS III – Science & Technology, Industry, Skill Development

PRELIMS RAPID REVISION



Bioeconomy
BioE3 Policy 2026 aims \$300 billion bioeconomy by 2036.



Cotton
India is the world's largest cotton producer.



EPFO
VISHWAS 2026 initiative launched for better services.



Geothermal Energy
First geothermal wells commissioned in Ladakh.



Semiconductor
NIELIT sets up 10 semiconductor skill centres.

