

Q1.

How can State Institutions for Transformation (SITs) bridge the developmental gap between states and the center? Examine in the light of cooperative federalism.

Word limit: 250 words

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Q1.

Question 1 - continued

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Question 1 - continued

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Q2.

Critically examine how the consolidation of regulatory bodies under NCVET has streamlined India's fragmented vocational education landscape. What governance challenges still persist in PM-SETU's implementation?

Word limit: 250 words

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Question 2 - continued

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Q3.

Explain the institutional and regulatory challenges in governing dual-use frontier AI models. How can a dedicated statutory body like the National AI Safety Institute address these systemic deficits?

Word limit: 250 words

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Question 3 - continued

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Q4.

Why does the "awareness paradox" persist among digital consumers regarding online manipulative designs? Explain how this asymmetry undermines the principles of consumer justice in India.

Word limit: 150 words

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Question 4 - continued

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Q5.

Point out why integrating the e-Shram portal with Aadhaar is vital for social security delivery. How does this linkage resolve challenges of targeting unorganized workers in India?

Word limit: 150 words

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Question 5 - continued

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Q6.

Comment on the efficacy of age-determination protocols under the Juvenile Justice Act. Why is post-recovery rehabilitation essential to prevent vulnerable minors from being re-trafficked?

Word limit: 150 words

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Question 6 - continued

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Q7.

Why does India continue to face low female labor force participation despite rising education levels? Critically discuss the structural reforms needed to achieve gender parity.

Word limit: 250 words

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Question 7 - continued

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Question 7 - continued

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Q8.

Underline the barriers Divyangjan face in traditional supply chains. How does integrating public transit spaces like railways with retail options resolve this?

Word limit: 150 words

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Q8.

Question 8 - continued

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Q9.

Critically discuss how Migration and Mobility Partnership Agreements (MMPA) safeguard the interests of Indian workers abroad. Why are Social Security Agreements crucial for preventing double taxation?

Word limit: 250 words

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Question 9 - continued

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Question 9 - continued

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Q10.

With suitable examples, discuss how the discovery of valuable resources at the lunar south pole is driving a shift from cooperative scientific exploration to competitive space geopolitics.

Word limit: 250 words

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Question 10 - continued

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Question 10 - continued

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Q11.

Explain how the two-tiered incentive model of the textile PLI scheme helps MSMEs graduate into larger competitive units.

Word limit: 150 words

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Q11.

Question 11 - continued

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Q12.

Why is the New Austrian Tunnelling Method (NATM) preferred over conventional tunneling in seismically active zones? Critically examine the engineering principles behind it.

Word limit: 150 words

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Question 12 - continued

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Q13.

What are the advantages of using Environmental DNA (eDNA) over traditional morphological surveys in monitoring endangered aquatic taxa? Comment on its application.

Word limit: 150 words

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Question 13 - continued

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Q14.

Explain why historical ancestry bias in Genome-Wide Association Studies (GWAS) limits the clinical utility of Polygenic Risk Scores. How can India resolve this biological disparity?

Word limit: 150 words

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Question 14 - continued

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Q15.

Explain the concept of Zero Liquid Discharge (ZLD) in urban planning. How can ZLD help India mitigate its worsening urban water crisis?

Word limit: 150 words

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Question 15 - continued

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Q16. Critically discuss why point-endemic aquatic species in high-altitude Western Ghats are exceptionally vulnerable to climate change. How can micro-sanctuaries mitigate this risk?

Word limit: 250 words

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Question 16 - continued

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Question 16 - continued

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Q17. Critically examine how green building rating systems like GRIHA can transform sustainable urban development in India. What are the major challenges in their widespread adoption?

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Question 17 - continued

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Question 17 - continued

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Q18.

Point out the strategic significance of Electronic Warfare (EW) taxonomy. How do Electronic Attack and Electronic Protection mechanisms safeguard modern naval platforms during high-intensity maritime conflicts?

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Question 18 - continued

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Q19. Critically examine why robust electronic warfare capabilities are essential for the Indian Navy to counter evolving asymmetric threats, like drone swarms, in the Indian Ocean Region.

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Question 19 - continued

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Question 19 - continued

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Q20. Critically examine how the deployment of dark patterns in e-commerce interfaces compromises digital ethics and consumer autonomy. Is it a case of choice manipulation?

Word limit: 250 words

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Question 20 - continued

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