

Q1.

What are the criteria for granting Classical Language status in India? Analyse why the preservation of these languages is vital for India's pluralistic cultural heritage.

Word limit: 150 words

10 marks

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Q1.

Question 1 - continued

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Q2.

How do regional state-level cultural awards complement national honours in preserving India's diverse and lesser-known performing arts? Critically discuss with suitable examples.

Word limit: 150 words

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Q2.

Question 2 - continued

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Q3.

Examine how the impending delimitation of parliamentary constituencies poses a challenge to the federal compact. Why is balancing demographic representation with developmental performance crucial for federal stability?

Word limit: 250 words

15 marks

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Q3.

Question 3 - continued

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Q3.

Question 3 - continued

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Q4.

Critically examine why the permanent Police Complaints Authorities (PCAs) have failed to institutionalize police accountability, requiring recurring ad-hoc judicial interventions.

Word limit: 250 words

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Question 4 - continued

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Q4.

Question 4 - continued

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Q5.

Explain how diversifying the composition of regulatory boards like the RBI with non-traditional technocrats improves institutional decision-making and governance.

Word limit: 150 words

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Q5.

Question 5 - continued

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Q6.

How do federal overlaps between central regulatory bodies like FSSAI and state food safety commissioners affect uniform law enforcement? Critically analyze.

Word limit: 250 words

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Q6.

Question 6 - continued

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Q6.

Question 6 - continued

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Q7.

How does a federated data architecture reconcile the central need for national-level monitoring with State and Panchayat-level administrative autonomy in rural utility management? Critically examine.

Word limit: 250 words

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Q7.

Question 7 - continued

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Question 7 - continued

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Q8.

How does the exclusion of non-scheduled tribal languages from primary education impact marginalization? Critically examine the institutional challenges in implementing multilingual education policies.

Word limit: 250 words

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Question 8 - continued

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Q8.	Question 8 - continued	Do not write in this margin.
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Q9.

Critically examine how the principle of universal jurisdiction under UNCLOS addresses the challenges of prosecuting non-state actors operating in international waters.

Word limit: 150 words

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Q9.

Question 9 - continued

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Q10.

Critically discuss how bilateral energy pacts can reinforce India's SAGAR vision and secure its strategic footprint in the Western Indian Ocean.

Word limit: 250 words

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Question 10 - continued

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Question 10 - continued

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Q11.

Critically discuss how the implementation of the 13th Amendment remains a core pivot in shaping bilateral relations between India and Sri Lanka.

Word limit: 250 words

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Question 11 - continued

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Question 11 - continued

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Q12.

Critically analyze how the shift from energy-efficiency indicators under the PAT scheme to emission-intensity targets under the Carbon Credit Trading Scheme (CCTS) impacts India's industrial competitiveness.

Word limit: 250 words

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Q12.

Question 12 - continued

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Question 12 - continued

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Q13. Distinguish between solvency ratio and loss ratio. How does maintaining a high solvency margin prevent systemic failures in India's financial sector?

Word limit: 150 words

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Q13.

Question 13 - continued

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Q14.

Examine the factors behind the high failure rate of deep-tech startups transitioning from prototype to pilot stage. How can Technology Readiness Level (TRL) mapping mitigate this 'valley of death'?

Word limit: 150 words

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Question 14 - continued

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Q15.

Why is the electromagnetic follow-up of gravitational wave events essential for multi-messenger astronomy? Discuss in the light of recent neutron star merger observations.

Word limit: 150 words

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Q15.

Question 15 - continued

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Q16.

Explain how Digital Twins and geospatial analytics can optimize rural water supply infrastructure. Why is their success dependent on standardized metadata and local data validation?

Word limit: 150 words

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Question 16 - continued

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- Q17.** Distinguish between bio-based, biodegradable, and compostable polymers. With suitable examples, discuss how biotechnology can lower the production cost of Polylactic Acid (PLA) from organic waste.

Word limit: 150 words

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Question 17 - continued

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Q18. Underline the functional distinction between CERT-In and NCIIPC under the IT Act. How does this institutional division strengthen India's proactive cyber-incident response mechanism?

Word limit: 150 words

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Q18.

Question 18 - continued

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Q19.

Critically examine how the transition to future networks like 5G and 6G amplifies cybersecurity vulnerabilities in critical national infrastructure, and outline the safeguards needed.

Word limit: 250 words

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Question 19 - continued

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Q19.

Question 19 - continued

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Q20. Critically discuss why expanding strategic reach through flight refueling aircraft is essential for India's security posture in the Indian Ocean Region. What are the challenges?

Word limit: 250 words

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Question 20 - continued

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Question 20 - continued

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