

Q1.

With suitable examples, discuss how oral traditions safeguard tribal living heritage and why modern digital documentation has become essential for their survival.

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q1.

Question 1 - continued

Do not write
in this
margin.

Q2.

Taking example of adoptive mothers, how does expanding statutory care benefits challenge traditional biological definitions of motherhood in contemporary Indian society? Critically discuss.

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q2.

Question 2 - continued

Do not write
in this
margin.

Q2.

Question 2 - continued

Do not write
in this
margin.

Q3.

Point out why the Constitution provides distinct administrative arrangements under the Fifth and Sixth Schedules. How do these frameworks protect tribal autonomy?

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q3.

Question 3 - continued

Do not write
in this
margin.

Q4.

Critically discuss how the Supreme Court's proactive use of continuing mandamus under Article 21 has reshaped environmental jurisprudence in India, while balancing the constitutional separation of powers.

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q4.

Question 4 - continued

Do not write
in this
margin.

Q4.	Question 4 - continued	Do not write in this margin.
----------------	-----------------------------------	---

Q5.

Point out the key challenges in implementing the PPV&FR Act. How does it balance breeder privileges with farmers' traditional rights?

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q5.

Question 5 - continued

Do not write
in this
margin.

Q6.

Critically examine how removing restrictive administrative conditions for maternity benefits aligns with Article 42. How does this policy shift enhance reproductive autonomy under Article 21?

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q6.

Question 6 - continued

Do not write
in this
margin.

Q6.

Question 6 - continued

Do not write
in this
margin.

Q7.

Critically examine why providing initial LPG connections under PM Ujjwala Yojana has not translated into sustained refill adoption among rural women.

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q7.

Question 7 - continued

Do not write
in this
margin.

Q7.

Question 7 - continued

Do not write
in this
margin.

Q8.

Critically examine how India can reconcile its domestic food security commitments under the National Food Security Act with the need to ensure remunerative prices for farmers through unrestricted agricultural exports.

Word limit: 250 words

15 marks

Do not write
in this
margin.

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

Q8.

Question 8 - continued

Do not write
in this
margin.

Q9.

Point out how institutionalized diplomatic bodies like the Working Mechanism for Consultation and Coordination (WMCC) differ from military-level dialogue in sustaining long-term peace.

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q9.

Question 9 - continued

Do not write
in this
margin.

Q10. Critically discuss how strategic fuel partnerships with South-Western Indian Ocean littoral states advance India's SAGAR vision and security architecture in the region.

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q10.

Question 10 - continued

Do not write
in this
margin.

Q10.

Question 10 - continued

Do not write
in this
margin.

Q11.

Critically analyze how the cross-border integration of India's digital payment rails with global platforms can reduce remittance costs. What regulatory frictions hinder its wider international adoption?

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q11.	Question 11 - continued	Do not write in this margin.
-------------	-------------------------	------------------------------------

Q11.	Question 11 - continued	Do not write in this margin.
-------------	-------------------------	------------------------------------

Q12.

Analyse why formal sector maternity protections often lead to informal discrimination against women. How can India balance employer liability with increased female workforce participation?

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q12.

Question 12 - continued

Do not write
in this
margin.

Q12.

Question 12 - continued

Do not write
in this
margin.

Q13.

Explain how seasonal production variations of horticultural crops like onions trigger cyclical inflation. Why has India failed to scale up post-harvest scientific storage technologies?

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q13.

Question 13 - continued

Do not write
in this
margin.

Q14.

Explain why closed-loop Environmental Control and Life Support Systems are critical for long-duration spaceflight. How can India achieve self-reliance in this technology?

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q14.

Question 14 - continued

Do not write
in this
margin.

Q15.

Examine why Synthetic Aperture Radar (SAR) technology is superior to optical imaging for disaster monitoring in cloud-prone regions. How does active remote sensing overcome atmospheric limitations?

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q15.

Question 15 - continued

Do not write
in this
margin.

Q16. Explain why conceptualizing IT resilience is different from basic cybersecurity. How do early warning systems strengthen the operational integrity of critical technology infrastructures?

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q16.

Question 16 - continued

Do not write
in this
margin.

Q17. Explain how neuromorphic computing mimics the neural architecture of the human brain. How does it overcome the physical and energy limitations of conventional silicon-based computing?

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q17.

Question 17 - continued

Do not write
in this
margin.

Q18. Critically examine how the proliferation of space debris in Low Earth Orbit threatens modular space stations. How can sustainable space traffic management address this?

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q18.

Question 18 - continued

Do not write
in this
margin.

Q18.

Question 18 - continued

Do not write
in this
margin.

Q19.

Examine why ephemeral river systems in arid regions are highly vulnerable to industrial effluents. How does scientific High Flood Line demarcation assist in hazard mitigation and river-basin conservation?

Word limit: 150 words

10 marks

Do not write
in this
margin.

Q19.

Question 19 - continued

Do not write
in this
margin.

Q20. Critically discuss how joint military maneuvers by extra-regional powers near the Red Sea affect India's maritime security. What strategic countermeasures should India adopt?

Word limit: 250 words

15 marks

Do not write
in this
margin.

Q20.

Question 20 - continued

Do not write
in this
margin.

Q20.

Question 20 - continued

Do not write
in this
margin.