

2024

GEOGRAPHY — HONOURS

Paper : DSCC-3

(Geotectonics)

Full Marks : 75

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Category - A

Answer **any ten** questions (each within **50** words).

2×10

1. What do you mean by radio-carbon dating?
2. What is dendrochronology?
3. Differentiate between era, period and epoch.
4. What is asthenosphere?
5. What is Lehmann discontinuity?
6. What is 'Pacific Ring of Fire'?
7. Define Tripple junction.
8. What is MOR?
9. What is hotspot?
10. Which two plates are involved in formation of the Barren Island?
11. What is a caldera?
12. What is nappe?
13. Define faultline scarp.
14. What is mountain front sinuosity?

Please Turn Over

(1471)

Category - B

Answer *any five* questions (each within 125 words).

5×5

15. Differentiate between relative and absolute dating of rocks.
16. What were the major events that occurred during the Pleistocene?
17. What do you mean by structural differentiation of the earth?
18. Differentiate between normal fault and reverse fault with help of diagrams.
19. Explain the tectonic characteristics and resulting landforms of an Ocean-Continent convergent plate margin.
20. Classify volcanic eruptions on the basis of their explosiveness.
21. Why basin asymmetry factor is considered as a morphometric index of tectonic activity?

Category - C

Answer *any two* questions (each within 500 words).

15×2

22. Classify folds with suitable diagrams and mention the bases of such classification.
 23. Explain the major relief features of the ocean floor according to plate tectonics.
 24. Compare the models of isostasy as proposed by Pratt and Airy and add a short note on their applicability.
 25. Classify mountains on the basis of their mode of origin and explain each type with the help of suitable diagrams.
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2024

GEOGRAPHY — HONOURS

Paper : DSCC-4

(Economic Geography)

Full Marks : 75

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

Category - A

Answer **any ten** questions (each within **50** words)

2×10

1. Define the quinary sector.
2. What is material index?
3. Mention two impacts of open cast mining on environment.
4. What is a foot loose industry?
5. What are the major components of transport cost?
6. What is shifting agriculture?
7. Classify manufacturing industries on the basis of raw materials used.
8. What is 'break of bulk point'?
9. What is meant by Economic Blocks?
10. Name the constitute countries of BRICS.
11. What is 'isotropic plain'?
12. Mention the favourable conditions for development of plantation farming.
13. Write any four benefits of International Trade.
14. What do you understand by economic globalization?

Please Turn Over

(1604)

Category - B

Answer *any five* questions (each within 125 words)

5×5

15. Distinguish between consumption and exchange.
16. Differentiate between subsistence farming and commercial farming.
17. Discuss the role of transportation in regional development.
18. Briefly state the environmental impacts of mining.
19. Identify the major components of international trade.
20. With the help of diagram, distinguish between Isotim and Isodapane.
21. What is the role of agglomeration in Weber's theory of industrial location?

Category - C

Answer *any two* questions (each within 500 words)

22. Discuss the different approaches to Economic Geography. Comment on the concept of 'Economic Man'.
12+3
 23. Critically discuss the agricultural location theory by Von Thunen and state its relevance in modern day farming.
12+3
 24. Account for the locational pattern of commercial fishing grounds in the world. What are the problems of overfishing?
12+3
 25. Examine the advantages and disadvantages of SEZ with reference to India. Define technology park.
12+3
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2024

GEOGRAPHY — HONOURS

Paper : SEC-3

(Environmental Impact Assessment and Environmental Management Planning)

Full Marks : 100

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

Group – A

Answer **any ten** questions (each within **50** words).

2×10

1. How is Environmental Impact Assessment different from Environmental Management Planning?
2. What is Leopold Matrix?
3. Which are the regulatory bodies for management of water in India?
4. What do you understand by Brown List and Green List of International Environmental Agreements?
5. Who are the stakeholder groups of EIA?
6. State one feature of the National Policy on water of 2002.
7. What is 'Screening' in EIA?
8. Who are entrusted with environmental monitoring? Give one example at state level.
9. Define environmental appraisal.
10. Mention any two Acts related to environmental management in India.
11. Why is it important to include people in the EIA process?
12. What is an 'environmental audit'?
13. Mention one potential environmental impact of a metro rail project.
14. State one key aspect that should be considered in the EMP for a highway project.

Please Turn Over

(1788)

Group – B

Answer *any seven* questions (each within **125** words).

5×7

15. Analyze the challenges in implementing environmental regulations related to forest in a rapidly developing country like India.
16. Suggest some potential solutions to improve enforcement in preventing water pollution.
17. Suggest Some EMP related strategies to improve air quality in Indian cities.
18. Explain different types of checklists.
19. Describe the processes of Environmental Impact Review.
20. What are the benefits of EIA?
21. Explain the concept of Environmental Governance.
22. Write a brief note on 'scoping' in EIA.
23. What are the components of EIA reporting?
24. Write a short note on prediction scenarios.

Group – C

Answer *any three* questions (each within **500** words).

15×3

25. State the significance of EMP in the contemporary world.
26. Discuss critically the role of stakeholder's participation in assessment and management of Environmental Impact.
27. Describe the stages in Environmental Risk Assessment.
28. How does EIA address issues of environmental justice in vulnerable regions?
29. Critically evaluate the role of Environment Protection Act in India?