

2024

GEOGRAPHY — HONOURS

Paper : DSCC-1

(Physical 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. What is a numeric ratio scale?
2. Define the term 'Graticule'.
3. Define conical projection.
4. Define 'asthenosphere.'
5. What is denudation?
6. Differentiate between physical and chemical weathering.
7. What is hydraulic action?
8. What is traction load?
9. What is ITCZ?
10. Define jet stream.
11. What is normal lapse rate?
12. What is residual soil?
13. Define leaching.
14. Distinguish between natural and anthropogenic hazard.

Please Turn Over

(1358)

Category - B

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

5×5

15. Explain different methods of map scale representation.
16. Distinguish between hydration and hydrolysis.
17. What are the main conditions required for formation of a delta?
18. Write a short note on the composition of the atmosphere.
19. Explain planetary wind circulation with a suitable diagram.
20. Explain the role of climate in soil formation.
21. Distinguish between eluviation and illuviation.

Category - C

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

15×2

22. Define map. Give a concise account of types of maps.
23. Classify with suitable diagrams, the internal structure of the earth, in relation to seismic waves.
24. Describe plant adaptations and distribution in relation to water availability.
25. Distinguish between hazard and disaster. Classify hazards in the Indian context with examples.