

**2023**

**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 are the three ways of representing scales?
2. Define generating globe.
3. Differentiate between P-wave and S-wave.
4. What is mantle?
5. Distinguish between carbonation and oxidation.
6. What is cavitation?
7. What are the major agents of erosion?
8. What is tropopause?
9. Define index cycle.
10. What is regolith?
11. Define soil catena.
12. Define humus.
13. State any two adaptations of xerophytes.
14. Differentiate between hazard and disaster.

**Please Turn Over**

**Category - B**

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

5×5

15. Classify map projections on the basis of properties.
16. What is meant by seismic shadow zone?
17. Distinguish between entrenched and ingrown meanders.
18. Write a short note on composition of atmosphere.
19. Distinguish between eluviation and illuviation.
20. Describe different types of hydrophytes with examples.
21. Distinguish between quasi-natural hazard and man-made hazard.

**Category - C**

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

15×2

22. Describe the various processes of weathering with the help of diagrams.
  23. Give an account of the landforms produced by fluvial processes with suitable sketches.
  24. Explain planetary wind system with suitable sketches.
  25. Explain the factors controlling soil formation with examples.
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