

2022

GEOGRAPHY — HONOURS

Paper : CC-10

(Soil and Biogeography)

Full Marks : 50

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 five** questions. (each within **50** words)

2×5

- ✓ 1. Define leaching.
- ✓ 2. What is meant by zonal soil?
3. Define inceptisol.
- ✓ 4. What is trophic level?
- ✓ 5. Define ecocline.
6. State the importance of community in Ecology.
- ✓ 7. Mention two threats to biodiversity.

Category - B

Answer **any four** questions. (each within **150** words)

5×4

8. State the importance of soil moisture.
- ✓ 9. How do NPK relate to crop production?
10. Classify world biome after Whittaker.
- ✓ 11. Give a brief account of the nature of the Taiga biome.
- ✓ 12. Briefly describe the carbondioxide cycle.
- ✓ 13. What is an ecotone?

Please Turn Over

Category - C

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

10×2

14. Explain the different processes of soil erosion and suggest various measures of soil conservation.
 - ✓ 15. Describe the profile characteristics of chernozem soil specifying the geographical environment for its formation.
 - ✓ 16. Describe the geographical extent and characteristic features of the Tropical Rain Forest biome.
 - ✓ 17. Discuss the causes, consequences and management of deforestation with suitable examples.
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