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M. Sc. 2nd Semester Examination, 2025

GEOGRAPHY

PAPER — GEO-204 (CBCS)

Full Marks : 50

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

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

SECTION — I

(Resource and its Management)

GROUP—A

Answer any two questions : 2 × 2

1. What are the indicators of HDI ?

(Turn Over)

(2)

2. What are the key indicators used to measure social well-being in a society ?
3. Mention two methods of resource management.
4. What are non-renewable resources ?

GROUP—B

Answer any two questions : 4 × 2

5. What are the key steps involved in conducting a micro-level resource planning at the watershed scale ?
6. Give a brief outline at forest resource assessment using in-situ and space-based technology.
7. Write a short note on water resource mapping.

(3)

8. Explain the role of environmental factors as one of the indicators of livelihood security in rural India.

GROUP – C

Answer any **one** question : 8×1

9. Account for the social relevance of geography citing suitable examples.
10. Elucidate how human resource development can be done in a backward region.

SECTION – II

(Earth System Science)

GROUP – A

Answer any **two** questions : 2×2

11. What do you mean by constructive plate margin ?

12. Mention two significance of ozone layer in the atmosphere.
13. Which region in West Bengal is considered as Rahr ?
14. What is meant by 'Geosyncline' ?

GROUP - B

Answer any two questions : 4 × 2

15. Briefly outline the structure and composition of Troposphere.
16. What are the characteristics of subduction zone ?
17. Write a short note on the bottom relief of the Pacific Ocean.
18. Differentiate between the characteristics of the 'Medinipur Coastal Plain' and 'Sunderban' coast.

(5)

GROUP – C

Answer any one question : 8 × 1

19. Classify maps and specify their uses.

20. Elaborate global oceanic temperature and salinity distribution.

[Internal Assessment – 10 Marks]

