

**M.Sc. 2nd Semester Examination, 2023**

**GEOGRAPHY**

PAPER – GEO-204.1 & 204.2(Old)(CBCS)

*Full Marks : 40*

*Time : 2 hours*

*The figures in the right hand margin indicate marks  
Candidates are required to give their answers in their  
own words as far as practicable*

*Illustrate the answers wherever necessary*

**PAPER – GEO 204.1**

*( Resource and its Management )*

*[ Marks : 20 ]*

**GROUP – A**

**Answer any two from the followings :      2 × 2**

- 1. State any two reasons for land degradation.**

2. Differentiate HDI from GDI.
3. What is 'phantom pile' ?
4. Mention two background regions of development program.

**GROUP – B**

Answer any **two** from the followings :  $4 \times 2$

5. Enumerate the indicators of livelihood security with special reference to India.
6. Briefly discuss the role of space based technology in resource mapping and monitoring.
7. What are the major parameters to identify the backward region in India ?
8. Discuss the sources of surface and ground water pollution.

**GROUP – C**

Answer any **one** question from the following :  $8 \times 1$

9. Explain the nature of geography as science of synthesis.
10. Describe how far the human resources development can be used as key for the development in backward regions.

**PAPER – GEO 204.2**

( *Earth System Science* )

[ *Marks : 20* ]

**GROUP – A**

Answer any **two** questions :

2 × 2

11. What is map projection ?
12. Define relative humidity.
13. What is asthenosphere ?
14. Write a note on submarine canyon.

**GROUP – B**

Answer any **two** questions : 4 × 2

15. Identify the physiographic features of Sundarban region.
16. Explain the mechanism of ozone layer formation.
17. Discuss the nature of epeirogenic motion for the genesis of Block Mountain.
18. Explain the factors behind the variation of salinity in the ocean.

**GROUP – C**

Answer any **one** question : 8 × 1

19. Divide West Bengal into geomorphic regions and explain their major features.
  20. Discuss the salient features of the earth's atmospheric layers.
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