

9. What are the challenges in managing water resources ?
10. Write a brief note on the developmental processes of backward region and mention few schemes introduced by the government to overcome the issue.

PAPER – GEO 204.2

(*Earth System Science*)

[*Marks : 20*]

GROUP – A

Answer any **two** questions : 2 × 2

11. What is the application of a map in earth system sciences ?
12. How does floods occurs in the flood plain ?
13. What is the significance of atmospheric aerosols ?
14. *What are the different types of plate boundaries ?*

GROUP – B

Answer any **two** questions : 4 × 2

15. What are greenhouse gases and what role do they play in Earth's atmosphere ?
16. Examine the characteristics of atmospheric composition.
17. Describe the relationship between the temperature and salinity of the seawater.
18. Identify the role of plate tectonics in the formation of an earthquake.

GROUP – C

Answer any **one** question : 8 × 1

19. Discuss the characteristics of the bottom relief features of the Atlantic Ocean with a diagrammatic representation.

20. Divide West Bengal into geomorphological region and explain their features with the application of diagrams.

