MAY 2025 **U/ID 31644/UEH6A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 30 words each.

1. What is Evaporation?
2. Define Infiltration.
3. What is Ground-water?
4. What is Run-off and Overland flow?
5. Name two major characteristics of a river basin.
6. What is a hydrograph?
7. What is an Ocean Current?
8. Define Tides.
9. What is spring tide and a neap tide?
10. How is ocean temperature typically measured?
11. What are Biotic Resources?
12. What are Manganese Nodules?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions in 200 words each.

13. Explain the role of Ground-water in rain water harvesting.

14. Describe the basin surface run-off.

15. Explain the mechanism of Tide generation.

16. Discuss the horizontal distribution of Ocean Salinity.

17. Explain the importance of Ocean Temperature.

18. Explain the significance of Biotic Ocean Resources.

19. Discuss the various Mineral Ocean Resources.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Discuss the different forms of Precipitation.

21. Differentiate clearly between surface run-off and overland flow.

22. Explain the phenomenon of Tides.

23. Elaborate on the composition of Ocean Salinity.

24. Detail the different Marine Deposits.

———————