MAY 2024 **U/ID 31631/UCH1A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 30 words each.

1. What is 'Asthenosphere'?

2. State the sub-fields of physical geography.

3. What is 'Geosphere'?

4. What is meant by 'lapse rate of temperature'?

5. Define 'Monsoon'.

6. Write a short note on 'B' type climate as per Koppen's classification.

7. What is meant by divergent plate boundary?

8. What is meant by 'Seismic waves'?

9. Write a short note on delta.

10. What is an estuary?

11. What is 'Seamount'?

12. Write a short note on 'Penck'.

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions in 200 words each.

13. Bring out the nature of climatology.

14. Write a paragraph on solar system.

15. Discuss the effects of tropical cyclones.

16. Explain the characteristics of polar climate.

17. Give an account on 'Pacific ring of fire'.

18. Describe the depositional landforms formed by rivers.

19. Differentiate neap and spring tides.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Write in detail the different components of earth system.

21. Analyse the tricellular meridianal circulation of atmosphere.

22. Give an account on types of seismic waves and their effects.

23. Describe the erosional and transportational landforms formed by rivers.

24. Give an account on 'Hydrological cycle'.

———————