MAY 2024 **P/ID 4432/PGE1B**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. What are Geosynclines?

2. Define the term “Isostacy”.

3. What are the characteristic of the Earth’s Core?

4. Differentiate the term “Focus and Epicentre”.

5. What do you meant by “Sea Floor Spreading”?

6. How will you differentiate the Sand and Clay?

7. What does “Basin Morphometry” mean?

8. What is the difference between gorges and Canyons?

9. Whare are Sink holes?

10. What is a “Playa”?

11. How will you perform Hazard analysis?

12. How will you assess the Land Suitability?

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Examine the concept of "the present key is to the past".

14. Explain the various system concepts in geomorphology.

15. Write a note on theories associated with Plate tectonics.

16. What is Soil Erosion? How will you control the soil erosion.

17. What are Landslides? Explain the causes and effects of Landslides.

18. Write an account on the depositional landforms of a Karst region.

19. What does Land Evaluation mean? Explain various process in Land Evaluation.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Critically examine different Theories of Mountain Building with suitable illustrations.

21. Evaluate the effects of Earthquakes and Volcanoes on the people and the environment.

22. Write a detailed account on causes, effects and control measures of Mass Wasting.

23. Diagramatically explain the erosional and depositional Arid Landforms.

24. Write a detailed account on application of geomorphology in Hazard Management.

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