MAY 2025 **U/ID 31632/URH1A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 30 words each.

1. Write a short note on 'Asteroids'.
2. What is Seismograph?
3. What is Gutenberg discontinuity?
4. Write a short note on 'NIFE'.
5. Define 'dip'.
6. What is an 'Anticlinorium'?
7. What is meant by geological time scale?
8. State the meaning of fossilization.
9. Write a short note on 'quartz'.
10. What is meant by mineralogy?
11. What is stratified rock?
12. State the utility of marbles.

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions in 200 words each.

13. Discuss in detail the causes of earthquakes and its effects.

14. Analyse the structure of the interior of earth.

15. Explain the causes of formation of faults.

16. Differentiate 'horst' and 'graben'.

17. Explain the morphological characteristics Cephalopods and Brachiopods.

18. Bring out the physical properties of muscovite and chlorite.

19. Examine the characteristics of igneous rocks.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Give an account on solar system.

21. Describe the nature of different types of joints.

22. Discuss in detail the Dharwar system of rock formation.

23. Explain the morphological characteristics of crystals.

24. Give the physical description and uses of conglomerates, Sandstone and limestone.

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