MAY 2023 **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. Define 'Solar System'.

2. What is an 'Epicentre'?

3. Write a short note on 'Pangea'.

4. What is a 'fold'?

5. How is a rift valley formed?

6. Write a short note on 'horst'.

7. What is geological time scale?

8. What are fossils?

9. State the common varities of Quartz.

10. What is 'crystallography'?

11. State the nature of limestone.

12. State any four metamorphic rocks.

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions in 200 words each.

13. Write about the Nebular hypothesis on origin of earth.

14. List out the effects of earthquakes.

15. Differentiate 'dip' and 'strike'.

16. Describe the characteristics of a 'normal fault'.

17. Examine the formation of Dharwar system of rocks of karnataka.

18. Describe the properties of calcite.

19. Bringout the characteristics of conglomerates.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Discuss in detail the concept of "Continental Drift".

21. Analyse the types of folds indetail.

22. Examine the formation of Vindhyan system of rocks.

23. Write about the crystal symmetry and uses of its study.

24. Write a detailed description of slate and schist.

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