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Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U GEO6 B17 - PALAEOLOGY

(Geology - Core Course)

(2019 Admission onwards)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Preservation of unaltered hard parts.
2. Perforata.
3. Fossula.
4. Dendroidea.
5. Diagonodont.
6. Cylindrical and globular gastropods.
7. Gastropods in Tertiary period.
8. Apicad and distad.
9. Nautiloid sutureline.
10. Articulate brachiopoda.
11. Ambulacra.
12. Depositional environment of echinodermata.
13. Ostracodes.
14. Sivapithecus.
15. Ptillophyllum.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

Answer *all* questions. Each question carries 5 marks.

16. Fossils as coal and petroleum indicators.

17. Microspheric and megalospheric forms.
18. Significance of rugose corals.
19. Classification of pelecypods based on umbo.
20. Muscle system in Brachiopods.
21. Calyx plates of crinoids.
22. Dorsal cup in blastoids.
23. Geological distribution of trilobites.

(Ceiling: 35 Marks)

Part C (Essay questions)

Answer any *two* questions. Each question carries 10 marks.

24. Write an essay on paleontology, fossils, type of fossils and significance of fossils.
25. Explain the morphology, stratigraphic significance and geologic history of class Graptozoa.
26. Elaborate the evolutionary history of ammonoidia.
27. Plant fossils, their geological significance and distribution on earth's surface.

(2 × 10 = 20 Marks)
