

23U622

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Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19UGEO6B17 - PALAEONTOLOGY

(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. Era of most life.
2. Ectoplasam.
3. Corallite.
4. Angle of divergence.
5. Radula.
6. Taxodonta.
7. Convolute gastropod.
8. Gastropods in Tertiary period.
9. Soft parts of Cephalopods.
10. Sulcus.
11. Ambulacra.
12. Brachia.
13. Cirri.
14. Elephant fossil from Siwaliks.
15. Vascular and non-vascular.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

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

16. Vertebrates and Invertebrates.

17. Foraminifera general morphology.
18. Stratigraphic significance of tabulate corals.
19. Types of suture lines in cephalopods.
20. Class inarticulata in Brachiopoda.
21. Class Blastoidea.
22. Geological distribution of Arthropods.
23. Gondwana flora of India.

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. Describe fossils and fossilization process.
25. Describe general morphology, classification and geologic history of Graptozoa.
26. Elaborate the evolutionary history of ammonoidia.
27. Write an essay on Trilobites - morphology and significance.

(2 × 10 = 20 Marks)
