

25P248

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19PGEL2C08 - APPLIED PALAEOLOGY AND SEDIMENTOLOGY

(Applied Geology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Define pseudofossils.
2. Define Biostratigraphy.
3. Define order Ornithischia.
4. Explain the process of separation of microfossils from sediments.
5. Define Diatoms.
6. Define Sedimentary structures.
7. Explain types of sedimentary depositional environment.

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Describe about the preservation of unaltered hard parts.
9. Describe the Phylogeny of elephant.
10. Explain morphology of spores and pollens.
11. Explain the application of microfossils to determine palaeoenvironments.
12. Describe about the textural nomenclature of Sandstone.
13. Describe about the different types of heavy minerals and its occurrence..
14. Explain the mechanism of sedimentary basins.

(4 × 3 = 12 Weightage)

Part-C

Answer any **two** questions. Each question carries 5 weightage.

15. Describe about fossils and fossilisation.
16. Explain about evolutionary history of Man.
17. Describe the significance of particle shape.
18. Explain sedimentation and Plate tectonics.

(2 × 5 = 10 Weightage)
