

**24P248**

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Name : .....

Reg. No : .....

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2025**

(CBCSS-PG)

(Regular/Supplementary/Improvement)

**CC19P GEL2 C08 - 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 Taphonomy
2. Compare spores and pollens.
3. Define Palaeoenvironment.
4. Define Heavy minerals.
5. Define grain size.
6. Explain terrestrial environment.
7. Define mechanical stretching.

**(4 × 2 = 8 Weightage)**

**Part-B**

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

8. Describe about Biostratigraphy.
9. Describe vertebrate evolution.
10. Compare order Saurischia and Ornithischia.
11. Explain Horses of Pleistocene.
12. Explain the collection and preservation of microfossils from sediments.
13. Describe about Sandstone.
14. Explain about the broad classification of sedimentary structures.

**(4 × 3 = 12 Weightage)**

**Part-C**

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

15. Define different methods for preservation of fossils.

16. Explain about dental pattern of Man.
17. Explain the morphology, palaeoecology of Bryozoa.
18. Explain Sedimentation and plate tectonics in detail.

**(2 × 5 = 10 Weightage)**

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