

**23P248**

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Name: .....

Reg.No: .....

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2024**

(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 living fossils.
2. Define Chronostratigraphy.
3. Compare Mesohippus and Miohippus
4. Explain the collection of microfossils.
5. Define Carapace.
6. Define Sedimentary structures.
7. Define sedimentary depositional environment.

**(4 × 2 = 8 Weightage)**

**Part-B**

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

8. Explain the factors involved in fossilisation.
9. Compare order Saurischia and Ornithischia.
10. Explain classification of spores and pollens.
11. Explain about palaeotemperature.
12. Explain sdiagenesis of siliceous rocks.
13. Explain the significance of heavy minerals.
14. Explain the mechanism of sedimentary basins.

**(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 vertebrate life through geologic time.
17. Describe the importance of particle shapes in determining their transport history.
18. Explain Sedimentation and plate tectonics in detail.

**(2 × 5 = 10 Weightage)**

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