

19P254

(Pages: 1)

Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2020

(CUCSS - PG)

CC19P GEL2 C08 - APPLIED PALAEOLOGY AND SEDIMENTOLOGY

(Applied Geology)

(2019 Admission - Regular)

Time: Three Hours

Maximum: 30 Weightage

Part A (Short answer type)

Answer any *four* questions.

1. Allometry.
2. Phylogeny.
3. Coccolithophores.
4. Argillaceous Sedimentary Rocks.
5. Heavy Minerals.
6. Types of bedding.
7. Walther's law of facies.

(4 × 2 = 8 Weightage)

Part B (Short Essay Type)

Answer any *four* questions.

8. Conditions of fossilization.
9. Extinction of dinosaurs.
10. Siliceous microfossils.
11. General characteristics of Ostracoda.
12. Geological significance of spores and pollens.
13. Marine vs. terrestrial depositional environments.
14. Link between plate tectonics and sedimentation.

(4 × 3 = 12 Weightage)

Part C (Long Essay Type)

Answer any *two* questions.

15. Discuss sample collection, processing of microfossils and add a note on the importance of foraminifera.
16. General characteristics and evolution of Equus.
17. Sedimentary textures and their significance.
18. Different processes of diagenesis.

(2 × 5 = 10 Weightage)
