

18U622

(Pages: 2)

Name:

Reg. No.....

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2021

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

CC15U GL6 B18 - PALAEOLOGY

(Geology - Core Course)

(2015 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

Draw neat sketches wherever necessary

Part A

Answer *all* questions in one word or one sentence. Each question carries 1 mark.

1. Name a flask shaped uniserial foraminifera.
2. The tip of the belemnite fossil is attached to the phragmocone in a socket called as
3. The skeleton of the graptolites is known as
4. The larger valve of a brachiopod is called
5. The skeleton of an individual coral polyp.
6. The radially emplaced curtains of tissues which divides Coelenteron.
7. The lid that cover of the aperture of gastropods.
8. The study of trace fossils.
9. The teeth below the umbo of a bivalve.
10. Name the sinisterly coiled Gastropod species.

(10 × 1 = 10 Marks)

Part B (Short Answer Type Questions)

Answer any *ten* questions. Each question carries 2 marks.

11. Ecologic Niche.
12. Modes of fossilization.
13. Biological classification.
14. Petrified wood.
15. Rhyconella species.
16. Pentremites.
17. Monograptus.
18. Rugose corals.
19. Ambulacra.

20. Lapets.
21. Calyx.
22. Septa.

(10 × 2 = 20 Marks)

Part C (Paragraph type questions)

Answer any *five* questions. Each question carries 6 marks.

23. Evolutionary trends in Cephalopods and Suture pattern variation.
24. Coiling types and surface ornamentations in Gastropods.
25. Differentiate Bivalve and Brachiopods.
26. Give an account of Gondwana plant fossils.
27. Sexual dimorphism.
28. Morphology of Class Blastoidea.
29. Budding in Anthozoa.
30. Significance of fossils in geological studies.

(5 × 6 = 30 Marks)

Part D (Essay type questions)

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

31. Describe the morphology, stratigraphic significance and geologic history of Foraminifera. Add a note on application of microfossils in geological exploration.
32. Give an account of the morphology and stratigraphic significance and geologic history of Brachiopods.
33. Explain the morphology, stratigraphic significance and geologic history of Class Pelecypoda.
34. Discuss the morphology, stratigraphic significance of Class Graptozoa of Sub-Phylum Hemichordata.

(2 × 10 = 20 Marks)
