

**19U627S**

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Name: .....

Reg. No.....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022**

(CUCBCSS-UG)

**CC15U GL6 B18 - PALAEOLOGY**

(Geology- Core Course)

(2016 to 2018 Admissions - Supplementary/ Improvement)

Time: Three Hours

Maximum: 80 Marks

*Draw neat diagrams wherever necessary.*

**Part- A**

Answer *all* questions. Each question carries 1 mark.

1. Most favorable environment for the preservation of fossils?
2. Process of preservation of organic remains is known as?
3. Foraminifera move, feed, and excrete waste using ----- that project through pores in their tests.
4. Colonial animals that lived in an interconnected system of tubes.
5. Earliest formed part of shell in Pelecypoda
6. The earliest type of dentition in the bivalves
7. The central convex lobe of the cephalon of Trilobites is known as
8. Most characteristic type of coiling in Ammonoid shells is
9. The valves of the inarticulates are in ----- shape
10. A spoon shaped plate which serves for the attachment of muscles in the brachiopods

**(10 × 1 = 10 Marks)**

**Part- B**

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

11. Petrification.
12. Preservation of entire organism.
13. Chitinous test of foraminifera.
14. Sinistral coiling.
15. Corallite.
16. Umbo.
17. Goniatite sutureline.
18. Adductor muscle impressions.
19. Tabulata corals.
20. Siphonate.

21. Thorax of trilobite fossil.
22. Calyx.

**(10 × 2 = 20 Marks)**

**Part- C**

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

23. Fossils as stratigraphic indicators.
24. Dimorphism in foraminifera.
25. Types of suture lines in cephalopods.
26. Morphology of belemnite shell.
27. Shape of the brachiopod shells.
28. Morphology of Echinoidea.
29. Describe main plant fossils from India.
30. Gastropod shell Morphology.

**(5 × 6 = 30 Marks)**

**Part- D**

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

31. Write an essay on various mode of preservation of fossils.
32. Write an essay on the general morphology and surface ornamentation of Brachiopoda.
33. Describe the morphology distribution and paleontological significance of Pelecypods.
34. Give an account of the Discuss scientific values and uses of fossils.

**(2 × 10 = 20 Marks)**

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