

19U621

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Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022

(CBCSS - UG)

CC19U GEO6 B17 - PALAEOONTOLOGY

(Geology - Core Course)

(2019 Admission - Regular)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Paleoecology.
2. Hyalina.
3. Corallite.
4. Pendant stipes.
5. Anisomyaria.
6. Protoconch.
7. Goniatite sutureline.
8. Nautiloidea subclass.
9. Pallial sinus.
10. Articulate brachiopoda.
11. Ambulacra.
12. Corona.
13. Ostracodes.
14. Sivapithecus.
15. Ptillophylum.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

Answer *all* questions. Each question carries 5 marks.

16. Description of process of fossilization.
17. Coiling pattern in foraminifera.
18. Significance of rugose corals.
19. Classification of Pelecypods based on teeth and sockets.
20. Prosifonate and retrosiphonate conditions in cephalopods.
21. Classification of echnoiderma.
22. Describe main parts of trilobite fossil with the help of a diagram.
23. Classification of plant kingdom.

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. Write an essay on paleontology, fossils, type of fossils and significane of fossils.
25. Explain the morphology, stratigraphic significance and geologic history of class Graptozoa.
26. Elaborate the classification, evolutionary trends and paleontological significance of gastropods.
27. Write an essay on the general morphology of Class Blastoidea and briefly describe the geological history.

(2 × 10 = 20 Marks)
