

20U621

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Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2023

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U GEO6 B17 - PALAEOONTOLOGY

(Geology - Core Course)

(2019 Admission onwards)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

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

1. Replacement of mineralization.
2. Polyp.
3. Halysites.
4. Synrhabdosome.
5. Anisomyaria.
6. Convolute gastropod.
7. Soft parts of Cephalopods.
8. Suture in cephalopods.
9. Nautiloidea subclass.
10. Pallial sinus.
11. Lancet plate.
12. Cidaris.
13. ostracodes.
14. Sivapithecus.
15. Sigillaria.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

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

16. Fossils as coal and petroleum indicators.
17. Chamber arrangements in foraminifera.

18. Evolutionary trends in graptozoa.
19. External features of Pelecypods.
20. Class articulata in Brachiopoda.
21. Evolutionary trends in echinoidea.
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 significance of fossils.
25. Give an account of morphology, classification and stratigraphic significance of Foraminifera.
26. Elaborate the classification, evolutionary trends and paleontological significance of gastropods.
27. Write an essay on the general morphology and classification of Echinoidea. Compare between regular and irregular echinoids.

(2 × 10 = 20 Marks)
