

23I602

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Name:

Reg.No:

SIXTH SEMESTER INTEGRATED M.Sc. GEOLOGY DEGREE EXAMINATION, APRIL 2026

(CBCSS)

(Regular/Supplementary/Improvement)

CC20GLO6IB10 / CC23GLO6IB10 - PALAEONTOLOGY

(Geology)

(2020 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

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

1. Monothalamus.
2. Favosites.
3. pendant stipes.
4. Apex and whorl.
5. Hyponomic sinus.
6. Suture in cephalopods.
7. Diductor muscles.
8. Apical system.
9. Pinnules.
10. Cirri.
11. Micraster.
12. pygidium in a trilobite fossil.

(Ceiling: 20 Marks)

Part B (Paragraph questions)

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

13. Chordates and Non-chordates.
14. Septal developments in anthozoa.
15. Monograptus and Glossograptus.
16. Evolutionary trends in pelecypods.

17. Differentiate between inarticulate and articulate brachiopoda.
18. Classification of Arthropods.
19. Siwalik vertebrate fossils.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* questions. The question carries 10 marks.

20. Discuss scientific values and uses of fossils.
21. Elaborate the classification, evolutionary trends and paleontological significance of gastropods.

(1 × 10 = 10 Marks)
