

**22U622**

(Pages: 2)

Name : .....

Reg. No : .....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2025**

(CBCSS-UG)

(Regular/Supplementary/Improvement)

**CC19U GEO6 B17 - PALAEONTOLOGY**

(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. Body fossils.
2. Polythalamus.
3. Lithostrotion.
4. Dendroidea.
5. Dextral and sinistral gastropods.
6. Gastropods in Tertiary period.
7. Apicad and distad.
8. Suture in cephalopods.
9. Pedicle valve.
10. Terrebratula.
11. Periproct.
12. Pinnules.
13. Ostracodes.
14. Elephant fossil from Siwaliks.
15. Gymnosperms and Angiosperms.

**(Ceiling: 25 Marks)**

**Part B** (Paragraph questions)

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

16. Geological distribution and ages of life.
17. Uniserial, biserial and triserial foraminifera.

18. Class anthozoa general morphology.
19. External features of Pelecypods.
20. Evolutionary trends in gastropods.
21. Class crinoidea.
22. Class Blastoidea.
23. Describe glossopteris and Gangamopteris.

**(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. Explain the morphology, stratigraphic significance and geologic history of class Graptozoa.
26. Elaborate the classification and evolutionary trends in pelecypods
27. Write an essay on Trilobites - morphology and significance.

**(2 × 10 = 20 Marks)**

\*\*\*\*\*