

QP CODE: 25020415



Reg No :
Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE
EXAMINATIONS, FEBRUARY 2025**

Sixth Semester

CORE COURSE - GL6CRT11 - PALAEONTOLOGY

Common for B.Sc Geology Model I & B.Sc Geology and Water Management Model III

2017 Admission Onwards

04A85298

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Define Species.
2. Define Metatype.
3. Name the different facial sutures in trilobites.
4. Name different types of shell growth in brachiopods.
5. Growth lines in Brachiopods.
6. Order Atremata and Neotremata of Phylum Brachiopoda belongs to class_____.
7. Name the geologic period which marks the first appearance of Brachiopod.
8. Name of adductor impression in which one is large and the other is smaller?
9. Give an example for cylindrical gastropod shell.
10. What is Saddles?
11. Pro-ostracum.
12. Define Micropaleontology.

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain the significance of fossils in chronostratigraphy.
14. Describe in detail about subdivisions of Palaeontology.
15. Explain the Chemical conditions of fossilization.
16. Discuss about important fossil forms from trilobita.
17. Briefly describe water vascular system in Echinoderms.
18. Class echinoidea.
19. Write a short note on micropalaeontology.
20. Write a short note on the geological history of gastropods.
21. Compare the shell structures in Nautiloidea and Ammonoidea.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. What is a fossil ? Discuss on types of fossils.
23. Descibe the morphology, evolution and classification of Trilobites.
24. Give the morphology, ornamentation and classification of gastropoda.
25. Explain the various plant fossils with diagrams.

(2×10=20)

