



QP CODE: 24000657



24000657

Reg No :

Name :

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2024

Sixth Semester

CORE COURSE - GL6CRT11 - PALAEOLOGY

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

2017 Admission Onwards

BD2DD77A

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Define Phosphatization.
2. Define Species.
3. Define isopygous with an example.
4. Pentamerous shells in phylum brachiopoda.
5. What is a reticulated shell?
6. In which class the brachiopod organism with teeth and sockets belongs?
7. The organs of locomotion in Echinodermata are called?
8. How the adductors are arranged in Eulamellibranchia?
9. Age of pelecypods?
10. what is spire of the shell?
11. Define spiral costae.
12. Define Micropaleontology.

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Explain the significance of fossils in study of palaeoclimate.





14. Describe in detail about subdivisions of Palaeontology.
15. Write a short note on Type specimens.
16. Evolutionary trends in Trilobita.
17. Geological history of Phylum Brachiopoda.
18. Class echinoidea.
19. Describe the musculature of pelecypods.
20. Add a note on Septa and Septal structures with neat sketches.
21. Classification of Class Cephalopoda.

(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. Describe the morphology, evolution and classification of Trilobites.
24. Describe the morphology, suture lines, shell forms and geological history of cephalopods.
25. Explain the various plant fossils with diagrams.

(2×10=20)

