



24000667

QP CODE: 24000667

Reg No :

Name :

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

Sixth Semester

CORE COURSE - GL6CRT10 - PHANEROZOIC STRATIGRAPHY OF INDIA

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

2017 Admission Onwards

9ECC82F9

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Divisions of Paleozoic Era.
2. Give an example of cratonic sags basin in India.
3. Most productive petroliferous basins of India is collectively known as ?
4. Name the important fossils associated with Saline series.
5. The type of sediments associated with Gondwana sequence?
6. Tectonically, The Son Mahanadi is Basin?
7. Subdivision of mesozoic and iys time interval.
8. Discuss breifly about Kallakkudi Limestone.
9. Pilgrim classification of Siwalik formations.
10. Age of Karewa deposits.
11. Give an example for an inter-trappean beds.
12. Mandapeta sandstone is belonging to which basin.

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. Give a brief note on Mesozoic Era and add a note on major Mesozoic sedimentary basins in India.
14. Write an short note on orogenic belts in India and its relation to the Indian geology.
15. Describe the classification of Lower Gondwana super group.
16. Give a brief note on Gondwana of East coast of India.
17. Write down the stratigraphy of Lilang Group.
18. Discuss about Lameta and Bagh Beds Formations.
19. Describe the importance of Vaikom, Quilon, and Warkali formations.
20. Write a note on the stratigraphy of Bombay offshore.
21. Write a note on the stratigraphy of Assam- Arakan basin.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Write a brief note on Geologic Time Scale with special reference to Indian Phenerozoic stratigraphy.
23. write an essay on the Tethyan basin of India and its asscited sedimentary sequence.
24. Explain the basin evolution, distribution and stratigraphic succession of Jurassic of Kutch.
25. Write a brief account stratigraphy and geographic distribution of important category I sedimentary basins in india.

(2×10=20)

