

QP CODE: S0100449



S0100449

Reg No :

Name :

BSc DEGREE (CBCS) EXAMINATION, MARCH 2020

Sixth Semester

Core course - GL6CRT10 - PHANEROZOIC STRATIGRAPHY OF INDIA

B.Sc Geology Model I, B.Sc Geology and Water Management Model III

2017 Admission Onwards

4CF2EA60

Time: 3 Hours

Maximum Marks: 60

Part A

*Answer any **ten** questions.*

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

1. Quaternary period
2. List out the sedimentary basins of India
3. Oldest mountain range in India is ?
4. Salt pseudomorph is otherwise known as
5. Barakar stage belongs to which series?
6. The glacial deposits associated with Gondwana having an age of?
7. List out the members of Kioto Formation ?
8. Youngest formation in Cretaceous of Trichnaoly?
9. Lithology of Warkali beds?
10. Pilgrim classification of Siwalik formations?
11. What is the name of the first oil field in India?
12. Name a category 1 basin in India

(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 a note on Thethyan basin and its importance in Indian stratigraphy?





15. Discuss about spatial and temporal distribution of Gondwana super group in India?
16. Discuss the stratigraphy of Gondwana of Palar basin?
17. Describe about Chari Formation?
18. Discuss about Cretaceous of Narmada Valley
19. Give an account on Indo Gangetic alluvial plains?
20. Write a note on the lithology of Deccan traps
21. Write a note on the tectonic history of Assam -Arakan basin

(6×5=30)

Part C

Answer any two questions.

Each question carries 10 marks.

22. Write a note on Phanerozoic eon and relate the different phanerozoic componets to Indian stratigraphy?
23. Write an essay on the age, tectonics, temporal sediment charecterestic and tec the stratigraphic succession of Paleozoic of Spiti?
24. Write a breif note Tethyan bain and its gelogical significance with special reference to Indian sub continent?
25. Describe the geology and straitigraphy of Krishhna Godavari and Assam Arakan basin?

(2×10=20)

