

D 11285

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Name.....

Reg. No.....

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2016

(CUCBCSS—UG)

Geology

GLY 5B 10—INDIAN GEOLOGY

Time : Three Hours

Maximum : 80 Marks

Draw neat sketches wherever necessary.

Part A

Answer all ten questions in one word or one sentence each.

1. To which ancient schist complex do the schist belts of Kolar and Hutti containing gold deposits belong ?
2. The stratigraphic unit of Sausar Group that contains one of the richest manganese deposits of India.
3. The oldest group of the Cuddapah Supergroup.
4. Tannaki Conglomerate, Syringothyris Limestone and Fenestella Shale in Kashmir sub-basin are of ——— age.
5. Triassic of Spiti is sometimes also referred to as ———.
6. The marine facies of Cretaceous rocks that occur in the Narmada Valley.
7. What are the sub-divisions of the Chari Formation of Jurassic succession of Kutch ?
8. The stratigraphic unit overlying the Uttattur Formation in the Cretaceous succession of Trichinopoly.
9. Give three examples of Primate fossils found in Lower Siwaliks.
10. The Pleistocene deposition took place in the Kashmir valley in the form of fluvio-glacial, lacustrine and aeolian deposits known as ——— deposits.

(10 × 1 = 10 marks)

Part B (Short Answer Type Questions)

Answer any ten questions.

11. Udaipur Group.
12. Peninsular Gneissic Complex.
13. Closepet granite.
14. Sakoli Group.

Turn over

15. Cheyair Group.
16. Bap and Badhaura Formations.
17. Iron Ore Group.
18. Sivaganga Beds.
19. Niniyur Formation.
20. Infra-trappeans.
21. Pleistocene glaciation.
22. Cuddalore Formation.

(10 × 2 = 20 marks)

Part C (Paragraph Type Questions)

Answer any five questions.

23. Granulites of Southern India.
24. Classification and lithology of Dharwar Supergroup.
25. Delhi Supergroup, its classification and lithology.
26. Cambrian succession of Salt Range.
27. Classification of Triassic of Spiti.
28. Lithology and structure of Deccan Traps.
29. Classification of Siwalik System.
30. Tertiary rocks of Kerala.

(5 × 6 = 30 marks)

Part D (Essay Type Questions)

Answer any two questions.

31. Describe the Vindhyan Supergroup of rocks highlighting on the classification, lithology and economic importance of Vindhyan Supergroup.
32. Give an account of the Palaeozoic rocks of Spiti Valley with reference to its classification, lithology and fossil content.
33. Write an essay on the classification, lithology and economic significance of Gondwana Supergroup of India.
34. Describe the Tertiary rocks of Assam highlighting on the classification, lithology and economic importance.

(2 × 10 = 20 marks)