

16U521

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Name:

Reg. No.....

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018

(CUCBCSS-UG)

CC15U GL5 B10 - INDIAN GEOLOGY

(Geology - Core Course)

(2015 - Admission onwards)

Time: Three Hours

Maximum: 80 Marks

Part A

Answer *all* questions. Each question carries 1 mark.

1. Name a formation in which stromatolites are seen in Vindhyan supergroup.
2. The characteristic fossil of Lower Gondwana.
3. Age of Warkalli formation.
4. The emplacement of Erinpura Granite marks the close of orogeny.
5. Name the mineral deposit associated with Banganapalli formation.
6. The evidence of glacial climate in Gondwana system.
7. The period in which the first upheaval of the Himalayan mountain belt occurred.
8. Name the oldest unit of Tertiaries of Kerala.
9. The Paleozoic period which characterizes the formation of coal worldwide.
10. An Indian rock system in which basalts are predominant.

(10 x 1 = 10 Marks)

Part B

Answer any *ten* questions. Each question carries 2 marks.

11. Saline series.
12. Infratrappean & intertrappean beds.
13. Quilon and Warkalli formations.
14. Bagh beds.
15. Great boundary fault.
16. Malani igneous suite.
17. Vempalli formation.
18. Pakhal group.
19. Economic importance of Vindhyan supergroup.
20. Erinpura Granite.
21. Gondwana formation of Tamilnadu.
22. Tertiaries of Assam.

(10 x 2 = 20 Marks)

Part C

Answer any *five* questions. Each question carries 6 marks.

23. Jurassic of Kutch.
24. Sausar and Sakoli group.
25. Triassic of Spiti.
26. Aravalli Supergroup.
27. Karewa formation.
28. Comprehensive account of the geological events that took place during Cenozoic Era in India.
29. Cambrian of Salt Range.
30. Lithology of Gondwana supergroup.

(5 x 6 = 30 Marks)

Part D

Answer any *two* questions. Each question carries 10 marks.

31. Describe the Dharwar Supergroup of rocks, highlighting on the classification, lithology and its economic importance.
32. Write an essay on the Cenozoic oil bearing formation of India.
33. Write an essay on the classification, lithology and economic significance of Cuddapah super group in India.
34. Give an account of the stratigraphy of Siwalik system with reference to its fauna and flora.

(2 x 10 = 20 Marks)
