

19U622

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Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022

(CBCSS - UG)

CC19U GEO6 B18 - INDIAN GEOLOGY

(Geology - Core Course)

(2019 Admission - Regular)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Precambrian cratons.
2. Pandyan mobile belt.
3. Bairenkonda Quartzite.
4. Champua group.
5. Olive Series.
6. Zewan Beds.
7. Coastal Gondwana of India.
8. Umia Series.
9. Terani Plant beds.
10. Infratrapean beds.
11. Age of Deccan traps.
12. Changes in Course of River.
13. Main Boundary Fault.
14. Tatrol Stage.
15. Quilon Formation.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

Answer *all* questions. Each question carries 5 marks.

16. Simplified stratigraphy of Western Dharwar craton.
17. Lithostratigraphy of Delhi system.
18. Vindyan Supergroup.
19. Distinguish between Salt Pseudomorph shale and Saline Series.
20. Kanawar System.
21. Gondwana Supergroup.
22. Economic importance of gondwana supergroup.
23. Surma Series.

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. Elaborate the geographic distribution, litho stratigraphy, tectonic evolution and economic mineral deposits of Aravally system.
25. Explain the Peninsular Indian successions of Permian Period.
26. Write an essay on Lilang system.
27. Chronology of Pleistocene glaciation.

(2 × 10 = 20 Marks)
