

**20P151**

(Pages: 1)

Name: .....

Reg. No.....

**FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2020**

(CBCSS-PG)

(Regular/Supplementary/Improvement)

**CC19P GEL1 C04 – STRATIGRAPHY AND INDIAN GEOLOGY**

(Applied Geology)

(2019 Admission onwards)

Time: Three Hours

Maximum: 30 Weightage

I. Short answer type questions. Answer any *four* questions.

1. Southern Granulite Terrain.
2. Principles of Stratigraphy.
3. Purana basins of India.
4. Deccan traps.
5. Biostratigraphy.
6. Himalayan orogeny.
7. Permian-Triassic extinction event.

**(4 x 2 = 8 Weightage)**

II. Short essay questions. Answer any *four* questions.

8. Elements of cyclostratigraphy.
9. Explain mass extinction events in earth's history based on volcanic eruption theory
10. Sequence stratigraphy.
11. Magnetostratigraphy.
12. Sargur schist complex.
13. Lithostratigraphic classification.
14. Saline series.

**(4 x 3 = 12 Weightage)**

III. Long Essay. Answer any *two* questions.

15. Write an essay on stratigraphy of Vindhyan Supergroup.
16. Explain stratigraphic boundary problems with reference to Indian subcontinent.
17. Write an essay on Contributions of Steno, Lehmann, Fushel, Werner, Hutton, Lyell and Smith.
18. Write about the major geological events during the evolution of planet earth.

**(2 x 5 = 10 Weightage)**

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