

S.No. 2837

P 16 ES 22

(For candidates admitted from 2016–2017 onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

Environmental Science,

ENVIRONMENTAL GEOLOGY, GEOGRAPHY AND
REMOTE SENSING

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. Lithosphere
2. Mesosphere
3. Core.
4. Crust.
5. Delta.
6. Soil Profile.
7. Shield.
8. Organic Belt.

9. Biodiversity.

10. Sensors.

PART B — ($5 \times 5 = 25$)

Answer ALL questions choosing either (a) or (b).

11. (a) Write notes on pedosphere.

Or

(b) Explain entropy.

12. (a) Write short notes on magnetic field.

Or

(b) Give a short account on solar Systems.

13. (a) Explain weathering.

Or

(b) Write notes on meanders.

14. (a) Explain plate tectonics.

Or

(b) Describe continental drift.

15. (a) Give a short account on data processing.

Or

(b) Explain remote sensing.

PART C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Explain the structure and classification of silicates.

17. Write notes on geochronology in details.

18. Explain stream patterns in details.

19. Describe the Thermodynamic principles.

20. Write an essay on GIS and its applications.