

23P220

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2024

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P ESC2 C10 - REMOTE SENSING AND GIS

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Compare different types of scales.
2. Explain how the area measured from a map.
3. Explain Passive Remote sensing.
4. Explain seven types of electromagnetic waves in order.
5. Name any five Remote sensing platforms.
6. Define GPS.
7. Explain the process of visualization in GIS.

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Explain the methodology used in surveying.
9. Explain different equipments used in aerial photo interpretation.
10. Explain Technology Experiment satellites with examples.
11. Define Metric Photogrammetry.
12. Explain Thematic data modelling.
13. Explain Geo referencing.
14. Discuss the application of GIS in Agricultural development.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. Discuss the History and Scope of Remote Sensing.
16. Explain different applications of Remote sensing.
17. Define the history and development of GIS.
18. Define the theory of GIS.

(2 × 5 = 10 Weightage)
