

25P220

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19PESC2C10 - 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. Describe how to represent a map.
2. Describe aerial photographs.
3. Define Remote sensing.
4. Define sensors and what are its uses.
5. Name any five applications of Remote sensing.
6. Define spatial topology.
7. Define subset.

(4×2 = 8 Weightage)

Part-B

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

8. Define map conversion.
9. Explain the Modern Surveying Instruments and Their Uses.
10. Define Cartosat.
11. Explain the relevance of photo interpretation in the context of photogrammetric survey.
12. Explain different steps in GIS analysis.
13. Explain Augmentation system of GPS.
14. Explain the errors associated with processing in GIS.

(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. Define the characteristics of Electromagnetic spectrum with respect to Remote sensing.
17. Explain the concept of GIS.
18. Explain the methods used in Geographical analysis.

(2 × 5 = 10 Weightage)
