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Name: .....

Reg.No: .....

**FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024**

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC19P GEL1 C03 - GEOINFORMATICS**

(Applied Geology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

**Part-A**

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

1. Sensors.
2. MSS
3. Restoration.
4. FCC.
5. Desktop GIS.
6. Relational databases.
7. Explain Terrain analysis.

**(4 × 2 = 8 Weightage)**

**Part-B**

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

8. What are the elements of Aerial photograph interpretation?
9. Methods of energy transfer.
10. Applications of remote sensing in geomorphology.
11. Supervised and unsupervised classification of image.
12. Briefly explain about the uses of GIS in daily life.
13. Geographical information models.
14. Applications of GIS in mineral exploration and ground water studies.

**(4 × 3 = 12 Weightage)**

**Part-C**

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

15. Brief history of Remote sensing.
16. Indian remote sensing satellite missions.

17. Explain various resolution concepts.

18. Applications of GIS.

**(2 × 5 = 10 Weightage)**

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