21APG3G1L

Sl. No.

M.Sc. III Semester Degree Examination, April/May - 2024
APPLIED GEOLOGY
Study of Geoinformatics
(NEP)

Time : 1 Hour   Maximum Marks : 30

Note : *Answer **all** the sections.*

SECTION - A

1. Answer **all** the following questions.   **5x1=5**
    (a) Geoinformatics
    (b) GNSS
    (c) GIS
    (d) Platform
    (e) EMR

SECTION - B

Answer **any five** of the following questions.   **5x2=10**

2. What is remote sensing ? Give example.

3. What is active sensor ? Give example.

4. Applications of GIS.

5. What are advantages and disadvantages of remote sensing ?

6. Brief the stages of remote sensing.

7. Latitude and longitude.

8. Types of resolutions

SECTION - C

Answer **any three** of the following questions.   **5x3=15**

9. Describe the electromagnetic spectrum.

10. Discuss the GIS and its components.

11. Describe the GIS data models.

12. Explain the sun-synchronise/polar satellites with examples.

13. Discuss the GPS segments

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