

D 50618

(Pages : 2)

Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2023**

Geography

GRY 5B 07—INTRODUCTION TO GEO INFORMATICS

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A*Students can answer **all** questions.**Each question carries 2 marks.*

1. Define data in GIS.
2. What is Resolution ?
3. Sensors.
4. Electromagnetic radiation.
5. Metadata.
6. What is vector data ?
7. Define Atmospheric windows.
8. Imaging and non-imaging sensors.
9. What is scattering ?
10. IKONOS.
11. Passive remote sensing.
12. Write a short note on Aerial photographs.

(Ceiling of marks : 20)

Section B*Students can answer **all** questions.**Each question carries 5 marks.*

13. Explain the components of GIS.
14. What is Remote sensing ? Explain its stages.

Turn over

15. Differentiate geographical and projected coordinate system.
16. Types of scattering.
17. Spectral signature.
18. Types of remote sensing platforms.
19. Application of GIS and Remote sensing in hydrology.

(Ceiling of marks : 30)

Section C

*Answer any **one** question.*

Each question carries 10 marks.

20. Discuss in detail about the **types** of resolutions.
21. Write an essay **on the nature**, scope and uses of Remote sensing system.

(1 × 10 = 10 marks)