Group – C

Answer any *two* questions.   2×2=4

7. Mention the different bands of LISS-III.

8. Write the different forms of vector data.

9. Which type of resolution corresponds to the smallest difference of radiant energy detected by a sensor?

10. Mention the advantages of Web-GIS.

Internal Assessment   **6**

B. Sc. Geography Examination, 2023

(2nd Year, 2nd Semester)

Remote Sensing and GIS

Course Code: SC/GEOG/UG/CORE/TH/10

Paper: C410T

Time : 1 hour 30 minutes   Full Marks : 30

Group – A

Answer any *one* question.   10×1=10

1. State the types of sensor resolutions. Illustrate their utilities with specific examples.   4+6=10

2. Discuss the principles of image interpretation. State the importance of GNSS in contemporary world.   6+4=10

Group – B

Answer any *two* questions.   5×2=10

3. Define 'Atmospheric Window'. Why is it an important consideration in remote sensing?

4. What are the wavelength regions of the electromagnetic spectrum considered for remote sensing and why?

5. Write the principles of GNSS positioning.

6. Differentiate between spatial and non-spatial data.

[Turn over