

621

Register No.:

April 2024

Time – Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART – A

1. Write short notes on components of remote sensing.
2. Write short notes on remote sensing platform.
3. Write the application of photogrammetry.
4. Write about the ortho photos.
5. What is meant by digital image processing?
6. What is image classification?
7. What is meant by coordinate systems?
8. What are attribute data?
9. What is vector data?
10. Write the concept of mapping.

[Turn over.....

PART - B

11. (a) Explain the spectral reflectance characteristics for soils, water and vegetation.

(Or)

- (b) Explain about important Indian Earth Resources and meteorological satellites.

12. (a) Explain working of stereoscopic plotting instruments with neat sketches.

(Or)

- (b) Explain the various methods of determining flying height.

13. (a) Explain the elements of image interpretation and concepts of digital image processing.

(Or)

- (b) Explain the application of Remote sensing in Civil Engineering with examples.

14. (a) Explain about GIS with sketch.

(Or)

- (b) Explain about Data Base Management Systems.

15. (a) Write short notes on
(i) Attribute data analysis. (7)
(ii) Concepts of mapping. (7)

(Or)

- (b) Explain various applications of GIS.
