

**A-1310**

Total Pages : 3

Roll No. ....

**MCS-E4**

(MCA)

**Basic of Remote Sensing and GIS**

Examination February, 2026

Time : 2:00 Hrs.

Max. Marks : 70

**Note** :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

**Section-A**

**(Long Answer Type Questions) (2×19=38)**

**Note** :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

**A-1310**

( 1 )

P.T.O.

1. What is GIS ? How does GIS help in making maps ?
2. What is topographic map ? What information can you find on a topographic map ?
3. How the things satellites can see from space ? Explain.
4. How does advanced GIS help city planners ? Explain.
5. What is digital image processing ? How do computers change pictures using digital image processing ?

### **Section–B**

**(Short Answer Type Questions) (4×8=32)**

**Note** :- Section ‘B’ contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. What makes advanced remote sensing different from regular remote sensing ?
2. What might happen with maps in the future ?
3. What is the purpose of GPS ?
4. What software tools used for digital image processing ?

5. How do maps on our phones use GIS ?
6. Why do people use topographic maps ?
7. How is information different on a map compared to a book ?
8. How can satellite space help us understand Earth ?

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