

A-0834

Total Pages : 2

Roll No.

MCS-E4

BASIC OF REMOTE SENSING AND GIS

(MCA)

Examination, June 2025

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.

1. Define remote sensing and describe its concepts ?
2. What are the sources of electromagnetic radiation ?
3. Define remote sensing platform and sensor.
4. Write the historical overview of GIS.
5. What is SARAL ? Describe it in detail.

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 are the different platform types ?
2. Write the Components of GIS ?
3. Write Atmospheric corrections.
4. Define thermal remote sensing ?
5. List the thermal sensors.
6. What is Procedural DML and Declarative DML ?
7. Write a short note on GPS ?
8. Briefly explain Raster data ?
