

847

Total Pages : 3

Roll No.

DGIS-502/CGIS-502

Fundamentals of Photogrammetry and Remote Sensing

(MAGIS/MSCGIS/DGIS/CGIS-21)

Ist Year / Ist Semester Examination, 2021 (Winter)

Time : 2 Hours]

Max. Marks : 100

Note : This paper is of Hundred (100) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Twenty six (26) marks each. Learners are required to answer any Two (02) questions only.

(2×26=52)

- 1.** Differentiate Satellite Remote Sensing versus Aerial Photography.

2. Explain the elements of Visual interpretation techniques.
3. Write a short note on history of Aerial Photography in India.
4. Explain the Interaction mechanism of Earth atmosphere with the electromagnetic radiation.
5. Discuss basics of Remote sensing with its usefulness in Natural Resource Management.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Twelve (12) marks each. Learners are required to answer any Four (04) questions only.

(4×12=48)

1. What is the relationship between Remote sensing and GIS?
2. What is the purpose of Photogrammetry?
3. Which type of satellite is used for Remote Sensing?
4. Make a difference between Active and Passive remote sensing.
5. Difference between Polar versus Geostationary orbits.

6. Discuss Evolution of the LND SAT programme.
 7. What do you mean by Spectral signature of various objects?
 8. What were the three types of GPS and mentioned their uses.
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