

C1067

Total Pages : 3

Roll No.

GIS-502/DGIS-502/CGIS-502

Fundamentals of Photogrammetry and Remote Sensing

(MAGIS/MSCGIS/DGIS/CGIS)

1st Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) 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 (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. Differentiate satellite remote sensing versus Aerial photography.

2. How an electromagnetic radiation is produced? Elaborate its full concept.
3. What are the different types of atmospheric scattering, explain each one?
4. Discuss on the applications of aerial photographs.
5. How temporal resolution is useful in the field of remote sensing? Write the characteristics of polar sun-synchronous satellite orbit pass and sidelap.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. Define Aerial photography.
2. What is Atmospheric Absorption?
3. Write a short note on types of Platforms.
4. Define characteristics of sensors.

5. Discuss on various types of stereoscopes.
 6. What is tilt distortion?
 7. Write a short note on relief displacement.
 8. Define Characteristics of resolution.
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