845

Roll No. ....

MGIS-07

Advance GIS & RS

Master of Geographical Information System
(MGIS/MAGIS/MSCGIS-16/17)

Second Year Examination, 2021 (Winter)

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. Explain Synthetic Aperture Radar and SAR images?

2. Elaborate Image Enhancement technique.

3. What do you understand by Thermal Remote sensing?

4. What do you understand by Logistic Regression model? What kind of variables can be used in a Logistic Regression model?

5. Write an essay on the types of orbits in which satellites are placed and operated? Specify the use of each such orbit type.

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. Briefly explain 3D GIS?

2. Explain License GIS software.

3. What do you understand by Active and Passive Remote sensing?

4. Define Thermal Remote sensing?

5. Write a short note on multispectral image classification?

6. Define Contrast stretching? State its use.

7. Difference between Low Pass Filter and High Pass Filter?

8. Write a short note on Hyperspectral.

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