

**S-1186**

Total Pages : 3

Roll No. ....

**MGIS-07**

**Advance GIS & RS**

Master of Geographical Information System (MGIS/MAGIS)

2nd Year Examination, 2022 (Dec.)

**Time : 2 Hours]**

**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.

**SECTION-A**

**(Long Answer Type Questions)**

**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.

(2×19=38)

1. What do you understand by Web GIS architectures? Explain.

2. Explain the weighted linear combination method.
3. What happen when thermal radiation interacts with earth surface?
4. Explain Radiometric Correction.
5. Write an essay on Open GIS and License GIS software.

## **SECTION-B**

### **(Short Answer Type Questions)**

**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. (4×8=32)

1. Differentiated between thick and thin client architecture.
2. How does a static model differ from a dynamic model?
3. Explain energy exchange theory.
4. Differences between Hyperspectral and Multispectral imaging.
5. Write a short note on speckle noise.

6. Write the difference between low pass filter and high pass filter.
  7. For what purposes NDVI method is used?
  8. Write a short note on GRASS.
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