M. SC. (GEOGRAPHY) (MSCGG)
Term-End Practical Examination
June, 2025

MGGL-005(Set-I) : REMOTE SENSING TECHNIQUES

Time : 3 Hours   *Maximum Marks : 50*

Note : *Attempt any **five** questions. Each question carries equal marks. Provide output maps wherever applicable. Procedural steps should be written neatly.*

1. List various steps involved for obtaining satellite data with any *one* source.

2. Perform 'Import' and 'Export' for any given image by providing steps sequentially.

3. Execute and write the process for 'Image Geometric Correction' for the given data.

4. Explain 'Visual Image Interpretation Techniques'. Interpret the given image by using visual image interpretation techniques.

5. Explain and perform 'Unsupervised Classification' for the given image for mapping various landuse and land cover features.

6. Explain 'False Colour Composite' (FCC). Prepare FCC for the given image and mention steps.

7. Perform and write steps for any *one* of the following :

   (a) Snow and Glacier Mapping

   (b) Landslide Mapping

   (c) Atmospheric Pollution Mapping

   (d) Coastal Regulation Zones Mapping

   (e) Water Pollution Mapping

   (f) Groundwater Potential Zone Mapping

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