

No. of Printed Pages : 2 **MGGL-005(Set-II)**

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

**MGGL-005(Set-II) : REMOTE SENSING**  
**TECHNIQUES**

*Time : 3 Hours*

*Maximum Marks : 50*

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

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1. How will you download a LANDSAT data ?  
Explain with sequential steps.
2. Perform and write steps for 'Image to Image Registration' for the given data.
3. Prepare 'Slope' and 'Aspect' maps by giving steps.
4. Perform 'Mosaic' operation of given images.  
Write procedural steps neatly.

5. Explain various steps of 'Visual Image Interpretation' and identify different landuse and land cover features.
6. Perform drainage basin delineation by writing 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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