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

M. SC. (GEOGRAPHY) (MSCGG)
Term-End Practical Examination
June, 2026
MGGL-005(Set-I) : REMOTE SENSING TECHNIQUES

Time : 3 Hours *Maximum Marks : 50*

Note : *Attempt any* ***five*** *questions. Marks are indicated against each question.*

1. Perform supervised classification for the given satellite image. 10
2. Explain the steps followed for preparing groundwater potential zone map. 10
3. Perform radiometric corrections for given satellite image using histogram equalization. 10
4. Subset the image using the given Area of Interest (AoI). 10
5. What are visual image interpretation techniques ? Perform visual image interpretation of the given satellite image. 10

6. Prepare slope and aspect maps for your area of interest. 10

7. Perform any *two* of the following and explain the steps involved : 10

   (a) Image mosaic

   (b) Generation of spectral profile

   (c) False Colour Composite (FCC)

   (d) Linear contrast enhancement

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