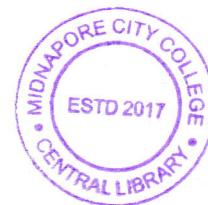


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PG (CBCS)
M.A. & M.SC. Semester - IV Examination, 2026
GEOGRAPHY
PAPER: GEO 409
(SPATIAL MODELING)
[PRACTICAL]



Full Marks: 25

Time: 2 Hours

Answer ALL questions:

10+10+5

1. Identify the physical and cultural object (at least three) in the given (hardcopy) image with the help of image interpretation keys. Justify your observations.

Or

Generate a False Colour Composite (FCC) of Landsat 8 (OLI) imagery and analyze the resulting image for land cover identification.

2. Generate an NDVI map in ArcGIS and analyze the spatial variation of vegetation cover in the study area.

Or

Generate a composite band using Landsat - 8 data in ArcGIS software.

3. Practical Note Book and Viva Voce.

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