

2017

M.Sc.

2nd Semester Examination

REMOTE SENSING AND GIS

PAPER—RSG-206

(PRACTICAL)

Full Marks : 25

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

(Geographic Information System)

Answer all questions.

1. Suppress the 'speckle noise' of given ERS-SAR image iteratively for three times with proper speckle suppression filter, CV-multiplier, moving window, etc. and classify the image into settlement, waterbody, dry soil and wet soil.

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2. Prepare PPI image using the given MNF dataset.
Extract suitable region of interest (ROI) for collecting
endmember. 5+5
3. Laboratory Note Book and Viva voce. 5
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