2018

M.Sc.

2nd Semester Examination

REMOTE SENSING AND GIS

PAPER—RSG-205

Subject Code—34

(PRACTICAL)

Full Marks : 25

Time : 4 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.

[Digital Image Processing]

Answer *all* questions.

1. Use the suitable enhancement technique to correct the data and generate a normalized difference vegetation index (NDVI) from the supplied digital image.

   Interpret the NDVI.   3+5+2

2. Create multiple signatures for forest, cropland, fallow land, water body and sand and perform supervised and support vector machine classification. 10

3. Laboratory Note Book and Viva-Voce. 5

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