

2013

M.Sc.

2nd Semester Examination

REMOTE SENSING AND GIS

PAPER—RSG-205

(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.

[Digital Image Processing]

Answer all questions.

1. Geo-reference the given image using image to image registration method.

Create a Region of Interest (ROI) for forest areas and subret it from rectified image.

Make an annotated image map of vegetation cover using suitable cartographic elements. 4+4+2

(Turn Over)

2. Apply high pass filter to the given image using default parameters and interpret the changes.

Change contrast of the given image through linear contrast stretch and apply minimum and maximum DN as required for 8 bit dataset. 6+4

3. Laboratory note book and Viva voce. 5
