

2016

M.Sc. 1st Semester Examination

REMOTE SENSING & GIS

PAPER—RSG-107

(Practical)

Full Marks : 25

Time : 3 Hours

The figures in the margin indicate full marks.

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

Illustrate the answers wherever necessary.

Answer all questions.

- 1. Prepare a flight map for the given block. Nominal end lap and side lap are to be 55% and 25% and 230 mm film format is to be used with desired photo scale of 1 : 16,000. 6**
- 2. Fuse the stereo images with the help of anaglyph glasses and extract two physical and two cultural features by vector digitization. 3+3**

(Turn Over)

3. Find out the corrected GPS reading of four corners of the Einstein Building. Plot the building using suitable GIS software, compute the area and perimeter of the building. Tabulate the data sheet showing computational steps of base station correction. 2+2+2+2
4. Laboratory note book and viva-voce. 5
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