

M.Sc. 1st Semester Examination, 2012

REMOTE SENSING AND GIS

(Practical)

PAPER—RSG-106

Full Marks : 25

Time : 2 hours

Answer all questions

The figures in the right-hand margin indicate marks

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

Illustrate the answers wherever necessary

1. Prepare a map showing four distinct physiographic and cultural features using a tracing sheet by observation of the given aerial photo stereo-pair under a mirror stereoscope and compute the area under natural vegetation/agricultural land (any one) and total length of roads/streams (any one) assuming the scale of the photograph 1 : 20,000.

7 + 5

(Turn Over)

2. 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. 8
 3. Laboratory Note Book and Viva voce. 5
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