

M.Sc. 1st Semester Examination, 2019

REMOTE SENSING AND GIS

(Practical)

PAPER – RSG-197

Full Marks : 25

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

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 photoscale of 1 : 25,000.

10

2. Fuse the stereo images with the help of anaglyph glosser and extract two physical and two cultural features by vector digitization. 10

Or

Measure the difference in elevation between points A & B (marked on the given stereopair) with the help of a parallax bar where the focal length of the camera is 230 mm and scale of the photograph is 1 : 16, 000.

3. Viva-voce. 5
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