

Register Number:

Name of the Candidate:

M.Sc. DEGREE EXAMINATION, 2010

(GEO INFORMATICS)

(FIRST YEAR)

(PAPER-III)

530. AERIAL PHOTOGRPHY AND PHOTOGRAMMETRY

May)

(Time: 3 Hours

Maximum: 100 Marks

Answer ALL questions

(5×20=100)

Each answer should be in about 1500 words

All questions carry equal marks

1. a) Explain how visual variances are helpful in studying maps.
(OR)
b) Write short notes on:
 - i) Co-ordinate system
 - ii) Compilation of base map

2. a) Explain how scales are determined in vertical photos over flat and variable terrain.
(OR)
b) Write short notes on:
 - i) History of aerial photography
 - ii) Pitch, Relief, Yaw and roll.

3. a) Compare monoscopy, stereoscopy and psueduscopy in aerial photography.
(OR)
b) Describe the types of films, photographic resolution and radiometric characters of aerial photographs.

4. a) Explain the procedures of flight planning.
(OR)
b) Examine the principles of utility of automated stereo plotting instruments.

5. a) Explain how computers are used in Cartography.
(OR)
b) Write short notes on:
 - i) Thematic mapping organization in India
 - ii) Town Planning maps.
