

Instructions

Answer Question One and any other Three (3) questions.

All questions carry equal marks

Duration: 2½ hours.

1.

(a) **Mention** two areas in which photogrammetry uses aerial cameras.

(b) **Define** the following:

(i) Vertical (air) photographs.

(ii) Tilted (air) photographs

(iii) Air photograph cameras.

2.

(a) **Make** a sketch of Principles of Perspective Process

(b) **Mention** why photogrammetry is a discipline?

3.

(a) **Mention** two areas of professional utilization of photographs. **Describe** one the areas.

(b) **Explain** the following:

(i) Surface phenomena

(ii) Technological basis of photogrammetry.

(iii) Reflection properties

4.

(a) **Trace** the technical history of Photogrammetry

(b) **Write** short notes on the following:

(i) Photogrammetry as a practice

(ii) photogrammetry as a method

(iii) Practical uses of photographs

5.

(a) **Mention** the factors upon which the technological principles of photogrammetry is developed.

(b) **Define** the following:

(i) Aerial photo

(ii) Vertical air photo

(iii) Tilted aerial photo

6.

(a) Using diagrams, where necessary, describe rectification.

(c) Explain mosaicing, orthophography, and orthophotomaps