

## **Sheet # 1**

**Note:** *You are required to submit your answers in a report with hand writing*

- 1. What is photogrammetry?**
- 2. Name the main types of photogrammetry.**
- 3. Give 4 examples for the uses of photogrammetry in 3D reconstruction**
- 4. What is mean by DTM?**
- 5. Correct the following sentences:**
  - a. Two stereo images allow reconstruction of only 2D shape.
  - b. Analytical instruments are used to reconstruct via optical and/or mechanical means the geometry of stereo image formation.
  - c. Analogue instruments measure image coordinates on photographs using electro-optical or mechanical methods aided by human visual system.
- 6. Calculate the area of a piece of land on the map with a scale 1: 2500 if the same piece appears on another map drawn to scale 1: 5000 is equal to 4.8 cm<sup>2</sup> as measured by Planimeter.**

**Good Luck**