

**DEPARTMENT OF SURVEYING AND GEOINFORMATICS  
SCHOOL OF ENVIRONMENTAL TECHNOLOGY  
FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**

**2019/2020 SESSION**

**SVG 212**

**FIRST SEMESTER EXAMINATION**

**Instructions**

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

**All questions carry equal marks**

**Duration: 2½ hours.**

1. **Mention** any THREE of the four key statements that constitute a family of Photogrammetry.
  - b. **Differentiate** between the following twin words, using tables.
    - (i) Objects and Geometric properties of the Earth
    - (ii) Aerial photogrammetry and Terrestrial photogrammetry
    - (iii) Quantitative and Qualitative Aerial Information
    - (iv) Photographic images and geo-contacts
2. Photogrammetry is historically and photographically old. Briefly TRACE the history of photogrammetry.
  - b. STATE the practical and professional means of defining Perspective Process in Photogrammetry.
3. **Define** the following:
  - (i) Vertical (air) photographs.
  - (ii) Tilted (air) photographs
  - (iii) Air photograph cameras.
4. **Make** a sketch of Principles of Perspective Process  
(b)**Mention** why photogrammetry is a discipline?
5. **Mention** two areas of professional utilization of photographs. **Describe** one the areas.  
(b) **Explain** the following:
  - (i) **Define** the following:
    - (i) Aerial photo
    - (ii) Vertical air photo
    - (iii) Tilted aerial photo