

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
SCHOOL OF PHYSICAL SCIENCES  
DEPARTMENT OF GEOGRAPHY

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**SECOND SEMESTER 2019/2020 SESSION UNDERGRADUATE EXAMINATION**

**COURSE CODE:** GRY 320

**CREDIT UNITS:** 2

**COURSE TITLE:** Aerial Photographic Techniques

**INSTRUCTIONS:** Answer any three (3) questions

**TIME ALLOWED:** 2 Hours

1. Discuss the specifications **any three (3)** of the following stereoscopic instruments used in photointerpretation:
  - i. Lens Stereoscope
  - ii. Mirror Stereoscope
  - iii. Scanning Mirror Stereoscope
  - iv. Zoom Stereoscope
2. Explain how Film-Filter combination could be used in differentiating between a healthy and a recently disease-infected vegetation conditions in an area.
3. Explain how Season of Photography and Time of Day could affect Flight Planning for airphoto data acquisition:
4. Discuss the characteristics and the primary uses of Near-Vertical Photographs and Oblique Photographs
5. Describe and discuss an overlap in stereoscopic pair of aerial photographs and give its importance in photointerpretation.