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**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
SCHOOL OF SCIENCE AND SCIENCE EDUCATION  
DEPARTMENT OF GEOGRAPHY**

**SECOND SEMESTER 2009/2010 SESSION UNDERGRADUATE EXAMINATION**

**COURSE CODE:** GRY 320P (3 Units)

**COURSE TITLE:** Airphoto Interpretation

**INSTRUCTIONS:** Answer **Qn. (1)** and any three others (four questions in all). Credit will be given for the use of specific examples and appropriate diagrams.

**TIME ALLOWED:** 2½ Hours

1. Discuss the application of photo interpretation in any two (2) of the following fields:
  - (i) Geological Mapping
  - (ii) Water Resource Applications
  - (iii) Wetland Mapping
2. How are aerial photographs obtained by using aircrafts?
3. Discuss the conditions that would necessitate the use of:
  - (a) Scanning Mirror Stereoscope; and
  - (b) Zoom Stereoscope.In air photo interpretation.
4. Discuss how the Selective and Elimination keys are used in airphoto interpretation.
5. Explain the choice of films and filters that need be considered for a of study vegetation phenology.