

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF GEOGRAPHY

SECOND SEMESTER 2012/2013 SESSION UNDERGRADUATE EXAMINATION

COURSE CODE: GRY 320P (3 Units)

COURSE TITLE: Airphoto Interpretation

INSTRUCTIONS: Answer **Question (1)** and any other **two** questions (3 questions in all). Credit will be given for the use of specific examples and relevant illustrations.

TIME ALLOWED: 2 Hours

1. Briefly discuss the application of Airphoto Interpretation in any two (2) of the following areas:
 - (a) Wetland Mapping
 - (b) Urban and Regional Planning
 - (c) Geological Mapping
 - (d) Forestry
2. Discuss the different kinds of Airphoto Interpretation Keys and give reasons for their different uses in different application areas.
3. Give a brief history of the development of Aerial Photography from the 19th to the 20th Century.
4. Explain how film-filter combinations used during data acquisition could affect the level of useful information that could be derived from an aerial photograph.
5. Define an Effective Area in an aerial photograph and outline the practical steps involved in determining it from a set of consecutive photographs.