



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2014/2015
DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING
SECOND SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF ARTS

AGE 300: AIR PHOTO-INTERPRETATION AND FIELD-COURSE

DATE: Sunday 3rd May 2015

TIME: 8.00a.m-10.00a.m

INSTRUCTIONS:

Answer Question ONE and any other TWO Questions, at least one from each section. Use illustrations where appropriate.

SECTION A: COMPULSORY

1. a) Define a Photo-Scale. (2 Marks)
- b) Describe any three methods of computing photo-scales. (6 Marks)
- c) What are the strengths and weaknesses of each of the methods
 in (b) above? (2 Marks)
- d) State any two aims of Geography field-trips. (2 Marks)
- e) Describe to any two outcomes of Geography field-trips. (2 Marks)
- f) What are the three problems that are inherent in research
 field problems? (6 Marks)

SECTION B: AIR PHOTO-INTERPRETATION

2. Explain how one can use the principles/characteristics of air photo-interpretation to
 identify and classify the major physiographic regions of East Africa (5 Marks)
3. a) Distinguish between Air and Terrestrial Photography (5 Marks)
- b) What are the merits of air photo-interpretation? (10 Marks)

SECTION C: FIELD-COURSE

4. Describe a logical sequence the elements that comprise a good research report. (15 Marks)
5. a) Distinguish the following:
- Active and Passive Participant Observation. (2 Marks)
 - Probability and Non-Probability Sampling (2 Marks)
 - Conceptual and Operational Definitions (2 Marks)
- b) Describe any **four factors** that determine a representative sample size. (4 Marks)
- c) Describe any **five ethical issues** which must be taken into account in any social Science research. (5 Mark)