



MACHAKOS UNIVERSITY

University Examinations 2017/2018

SPECIAL AND SUPPLEMENTARY EXAMINATION

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

THIRD YEAR EXAMINATION FOR

BACHELOR OF EDUCATION (ARTS)

BACHELOR OF ARTS

AGE 300: AERIAL PHOTOGRAPHY AND FIELD COURSE

DATE: 3/8/2018

TIME: 8.30-10.30 AM

INSTRUCTIONS

Section A is compulsory.

Choose one question from Section B and a third question from Section C.

SECTION A (COMPULSORY) (30 MARKS)

1. a) Distinguish the following terms:
 - i) Metric and semantic information (4 marks)
 - ii) Questionnaire and interview guide (4 marks)
- b) Explain any two methods of determining photo scale. (6 marks)
- c) Identify three advantages of vertical air photograph over oblique air photograph. (6 marks)
- d) Describe any three characteristics of research hypothesis. (6 marks)
- e) Discuss the significance of geographic fieldwork. (4 marks)

SECTION B: ANSWER ANY OTHER TWO QUESTIONS

2. Assess how you can employ principles of air photo interpretation to describe major physiographic regions of Kenya. (20 marks)
3. a) You are required to collect aerial photographs of an area, explain the major considerations you have to make before the exercise. (10 marks)
- b) Evaluate the importance of aerial photographs. (10 marks)

4. a) Using examples, explain how the following methods are used to sample data: (4 marks)
i. Stratified sampling. (4 marks)
ii. Cluster sampling. (6 marks)
b) Discuss any three aims of field course. (6 marks)
c) Describe any three characteristics of research hypothesis. (20 marks)
5. Explain the contents of various parts of a fieldwork report. (20 marks)