



MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF EDUCATION (ARTS)

BACHELOR OF ARTS

AGE100 INTRODUCTION TO CARTOGRAPHY AND MAP ANALYSIS

DATE: 27/9/2019

TIME:11.00-1.00 PM

INSTRUCTIONS:

Answer QUESTION ONE and any other TWO QUESTIONS

Sketch maps and diagrams can be used to illustrate your answer whenever possible.

QUESTION ONE

- (a) Define the following terms.
 - i. Lettering (2 marks)
 - ii. Map compilation (2 marks)
 - iii. Draftsmanship (2 marks)
- (b) Give hints that can help beginners in Cartography overcome common difficulties in Freehand Lettering. (8 marks)
- (c) Describe the preliminary precautions before selecting a map for compilation. (10 marks)
- (d) Explain three qualities of a good draftsman's drawing material. (6 marks)

Question 2

Describe the instructions given to a Cartographer on the way features should be presented on maps. (20marks)

Question 3

- (a) Describe reasons why Cartography is defined as an art, science and technology.(10marks)
- (b) Examine the various methods of depicting relief. (10marks)

Question 4

- (a) Describe the various methods used in quantitative study of drainage features. (10marks)
- (b) Examine factors that influence drainage density. (10marks)

Question 5

Discuss the factors that govern map design. (20 MARKS)