



MACHAKOS UNIVERSITY

UNIVERSITY EXAMINATIONS FOR 2022/2023 ACADEMIC YEAR

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

**THIRD YEAR FIRSTSEMESTER EXAMINATION FOR BACHELOR OF ARTS/
BACHELOR OF EDUCATION ARTS & BACHELOR OF EDUCATION SCIENCE**

AGE 100: INRODUCTION TO CARTOGRAPHY AND MAP ANALYSIS

Date:

Time: *(To be fixed during exam proofreading)*

INSTRUCTIONS: Answer question ONE and any other TWO questions. Use illustrations where appropriate

SECTION A (COMPULSORY)

QUESTION ONE(30 MARKS)

a) Define the following terms:

- | | |
|-------------------|-----------|
| i. Cartography | (2 marks) |
| ii. Draftsmanship | (2 marks) |
| iii. A map | (2 marks) |
| iv. Lettering | (2 marks) |

b) Outline the steps followed when enlarging a map (8 marks)

b) Provide an account of the history of cartography during the medieval and renaissance era. (14 marks)

SECTION B (Answer any TWO Questions)

QUESTION TWO (20 MARKS)

a) Identify and explain the importance of any FIVE tools used in draftsmanship. (5 marks)

b) Examine various methods of generalizing maps. (15 marks)

QUESTION THREE(20 MARKS)

- a) Citing appropriate examples, explain the importance of any FIVE marginal information of a map. (10 Marks)
- b) Illustrate various ways of analyzing drainage basin on a map. (10marks)

QUESTION FOUR (20 MARKS)

You have been contracted by Machakos county government to map out the physical and the man-made features in the county.

- a) Explain how you will use colours to bring out the features on the map. (5 marks)
- b) Describe any FIVE methods you will use to depict the relief features within the county. (15 marks)

QUESTION FIVE (20 MARKS)

Examine FOUR main types of map projections used in cartography. (20 marks)