



(Knowledge for development)
KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR
FIRST YEAR SECOND SEMESTER

SUPPLEMENTARY/SPECIAL EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION ARTS

COURSE CODE: GEO 201

COURSE TITLE: INTRODUCTION TO CARTOGRAPHY

DATE: - JANUARY 18, 2022

TIME: 2 – 4 PM

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES

- 1. Answer Question ONE (Q1) Compulsory**
- 2. Answer any other TWO (2) Questions**
- 3. Use illustration where appropriate**

This paper consists of 2 printed pages. Please Turn Over.

You are provided by the map of Karatina

- a. Describe the relief of the area covered by the map (8Marks)
- b. Describe the settlement of the area covered by the map (8Marks).
- c. Describe the drainage of the area covered by the map (8 Marks)
- d. State the marginal information on the map (6 Marks)

Question 2

- a) Using examples describe the various ways of describing relief on maps (20 Marks)

Question 3

The table below shows the size of land owned by farmers under maize in Bungoma county

Class	Frequency
31 - 40	10
41-50	21
51-60	10
61-70	15
71-80	30

- a. Compute the Mean (3 Marks)
- b. Compute the Mode (4 Marks)
- c. Compute the median (4 Marks)
- d. Compute the standard deviation (4Marks)
- e. Compute the Interquartile Range (5Marks)

Question 4

Discuss the process of carrying out a supervised classification so as to identify land uses of Kisumu county

Question 5

Discuss the role of Remote Sensing and GIS in mapping of Kenya's wetlands