


GEOG 117



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE
DEGREE OF BACHELOR OF EDUCATION (ARTS)
SECOND SEMESTER, 2021/2022
(FEBRUARY - JUNE, 2022)

_GEOG 117: INTRODUCTION TO COMPUTERIZED
CARTOGRAPHY

STREAM: Y1 S1

TIME: 2 HOURS

DAY: FRIDAY, 3:00 – 5:00 P.M.

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE in section A [Compulsory] and any other TWO Questions from section***

BACHELOR OF ARTS IN GEOGRAPHY, Y1 S1

Instructions

Answer Question 1 (COMPULSORY) and any other TWO questions QUESTION 1

- Using examples, discuss the taxonomy of maps as applied in cartography (14 marks)**
- Explain the difference between the three branches of cartography (6 marks)**

QUESTION 2

Discuss the five steps in cartographic process (20 marks)

QUESTION 3

With aid of clear diagrams, write brief notes on the following features of the Universal Transverse Mercator map projection.

- a) Eastings (10 marks)
- b) Northings (10 marks)

QUESTION 4

- a) Differentiate between the following design elements of a map:
 - (i) Cropped map body and floating map body (2 marks)
 - (ii) General reference map legend and graduated map legend (2 marks)
 - (iii) Figures and ground (2 marks)
 - (iv) Figure closure and interposition (2 marks)
- b) Using examples, explain the quality criteria that a map scale should meet (8 marks).
- c) Using appropriate illustrations, explain the types of map symbols (4 marks)

QUESTION 5

Discuss the visual distinctions that are used for symbolization in cartography (20 marks).

