



OFFICE OF THE DEPUTY PRINCIPAL
ACADEMICS, RESEARCH AND STUDENT AFFAIRS

UNIVERSITY EXAMINATIONS

2020/2021 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER REGULAR EXAMINATION

**FOR THE DEGREE OF BACHELOR OF
EDUCATION (ARTS)**

COURSE CODE: GEO 320

**COURSE TITLE: QUANTITATIVE METHODS IN
GEOGRAPHY**

DATE: 16th JULY 2021

TIME: 1:00 – 4:00PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF THREE PRINTED PAGES PLEASE TURN OVER

GEO 320: QUANTITATIVE METHODS IN GEOGRAPHY

STREAM: BED (Arts)/BED (B.Studies)

DURATION: 3 Hours

INSTRUCTIONS TO CANDIDATES

- i. Answer *Question ONE* and any other *TWO* questions.
- ii. Maps, sketches and diagrams should be used whenever they serve to illustrate the answer.
- iii. Do not write on the question paper.

Question One

- a) Explain FIVE roles of quantification in geography. (10 Marks)
- b) Discuss FIVE misuse of statistics in geography. (10 Marks)
- c) Explain FIVE differences between qualitative and quantitative analysis (10 Marks)

Question Two

- a) Describe the FOUR scale of measurement. (12 Marks)
- b) Explain the meaning of the following terminologies.

Sample

Hypothesis

Parameter

variable (8 Marks)

Question Three

- a) Given 3,2,2,1,3,6,3,3,4,2
 - i) Find the mean (2mks)
 - ii) Find the median (2mks)
- b) Evaluate the merits of central tendency (8mks)
- c) Suppose you have 3,2,2,5,1,3,6,3,3,4,2,2,2,5.
 - i) Prepare a frequency distribution table (4mks)
 - ii) Construct a histogram (4mks)

Question Four

- a) Explain the FOUR types of sampling techniques (8mks)
- b) Explain THREE roles of sampling in geography as a method of collecting data (6mks)
- c) Discuss THREE characteristics of a sample (6mks)

Question Five

- a) Explain the term skewness. (2mks)
- b) Explain the two types of skewness (6mks)
- c) Given the data 8, 10, 12, 6,8,6. Calculate the skewness . show your working
(12 Marks)
