



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATION

UNIVERSITY ORDINARY EXAMINATION

2018/2019 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATION FOR,

TGP 100 – TECHNIQUES IN GEOGRAPHY I

DURATION: 2 HOURS

DATE:

TIME:

Instructions to candidates:

1. The examination paper consists of A and B
2. Section A (30 marks) attempt all questions
3. Section B (40 marks) attempt any two questions
4. You are not allowed to write on this question paper

SECTION A: ANSWER ALL QUESTIONS

QUESTION ONE (30 MARKS)

- a. Define the following terms as used in geography (8 marks)
- i. Statistics
 - ii. Cartography
 - iii. Sample
 - iv. A map
- b. State the importance of the following marginal information on maps
- i. Title of the map (2 marks)
 - ii. Scale of the map (2 marks)
 - iii. Legend (2 marks)
 - iv. Compass (2 marks)
- c. Name the **Four** historical phases of map making (8 marks)
- d. Identify any **Three** sampling techniques used in sampling surveys (6 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

QUESTION TWO (20 MARKS)

- a. Explain the following scales of measurements as used in geography
- i. Nominal scale (4 marks)
 - ii. Ordinary scale (4 marks)
- b. Discuss the significance of statistical methods in geography (12 marks)

QUESTION THREE (20 MARKS)

- a. Define median and the mean of the following data
- 37, 28, 36, 33, 37, 43, 41, 28, 24, 44, 27, 24, 37, 40 (4 marks)
- b. Using appropriate illustrations, explain any **four** methods of relief influence on maps (16 marks)

QUESTION FOUR (20 MARKS)

- a. Discuss any **Five** factors that influence map design (20 marks)