



# **GRETSA UNIVERSITY - THIKA**

## **UNIVERSITY EXAMINATIONS JANUARY - APRIL 2021 SEMESTER**

### **BACHELOR EDUCATION (ARTS)**

**COURSE CODE: GEOG 200**

**COURSE TITLE: TECHNIQUES IN GEOGRAPHY 1:  
CARTOGRAPHY**

**DATE: 11 MAY 2021**

**TIME: 8.00 AM - 11.00 AM**

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#### **INSTRUCTIONS TO CANDIDATES**

- 1. SECTION A IS COMPULSORY.**
- 2. SECTION B: ANSWER ANY OTHER **THREE** QUESTIONS.**
- 3. DO NOT WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.**
- 4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.**

**CAUTION:** *All exam rooms are under CCTV surveillance during the examination period.*

## **SECTION A: COMPULSORY**

### **QUESTION ONE**

- a) Discuss the development of cartography and the value of geographical map **[10 Marks]**
- b) Using hypothetical contour lines explain how the following physical features are depicted on a cartographical map.
- a. A Hill
  - b. A Depression
  - c. A Plateau **[10 Marks]**
- c) Giving examples, explain how symbols and different colours codes are used to describe vegetation on cartographical maps **[8 Marks]**
- d) Citing merits and limitations explain the characteristics of contours drawn on cartographical maps; **[12 Marks]**

## **SECTION B: ANSWER ANY THREE QUESTIONS**

### **QUESTION TWO**

- a) With the aid of diagrams explain how drainage and drainage patterns are depicted on cartographic maps by cartographic specialists. **[8 Marks]**
- b) Using hypothetical evidences explain how cartographers locate the presence of the the following human economic activities on cartographic maps
- i. Livestock rearing
  - ii. Crop Farming
  - iii. Tourism **[12 Marks]**

### **QUESTION THREE**

- a) Explain the importance of Geographical information system in the study of Geography today. **[10 Marks]**
- b) With the aid of well labelled diagrams explain the characteristics of different types of human settlement patterns depicted on cartographic maps. **[10 Marks]**

### **QUESTION FOUR**

- a) Discuss the main phases of development of cartographic maps. **[10 Marks]**
- b) Explain the advancement of Geographical information system as a computer system for capturing, storing, checking, and displaying data related to positions on Earth's surface. **[10 Marks]**

### **QUESTION FIVE**

- a) Explain the duties of a cartographic general draftsman citing properties of cartographic drawing materials used. **[10 Marks]**
- b) Explain five broad types of cartographical maps drawn by cartographer **[10 Marks]**