

LAIKIPIA



UNIVERSITY

## UNIVERSITY EXAMINATIONS

**SECOND SEMESTER 2023/2024 ACADEMIC YEAR**

**SECOND YEAR EXAMINATION FOR THE DEGREE OF  
BACHELOR OF SCIENCE (GEOGRAPHY)**

**GEOG 221: LOCATION THEORY AND ANALYSIS**

***STREAM: R***

***TIME: 2 HRS***

***DAY: THURSDAY [8.30A.M – 10.30A.M]      DATE: 18/04/2024***

**THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES**

**PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.**



**INSTRUCTIONS TO CANDIDATES**

- i) Answer **QUESTION ONE** and **ANY OTHER TWO** Questions.  
 ii) Maps, sketches, diagrams and examples should be used where they serve to illustrate the answers.

**QUESTION ONE**

- a) Citing relevant examples, explain the meaning of the following terms:
- |      |                   |                  |
|------|-------------------|------------------|
| i.   | Location decision | <b>(3 Marks)</b> |
| ii.  | Location theory   | <b>(3 Marks)</b> |
| iii. | Location analysis | <b>(3 Marks)</b> |
- b) Examine the importance of perception studies in the understanding of location patterns. **(6 Marks)**
- c) Using relevant illustrations, explain three aspects of locational arrangement of nodes. **(10 Marks)**
- d) Using examples, explain the fact that space can change by choosing different distance measurement. **(5 Marks)**

**QUESTION TWO**

- a) Citing relevant examples, examine the factors that determine the establishment of retail outlets. **(10 Marks)**
- b) Explain the importance of cost factors in determining locational patterns of agricultural activities. **(10 Marks)**

**QUESTION THREE**

- a) Briefly explain the process and patterns of economic development. **(8 Marks)**
- b) Discuss the factors influencing locational patterns of economic development. **(12 Marks)**

**QUESTION FOUR**

- a) Briefly explain the concept of spatial diffusion of information. **(8 Marks)**
- b) Discuss the role of barriers of diffusion in the flow of information and innovation. **(12 Marks)**

**QUESTION FIVE**

- a) Write a brief concise essay on site and situational factors in location of economic activities. **(10 Marks)**
- b) Discuss the conditions necessary for spatial interaction between places. **(10 Marks)**

