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(KNOWLEDGE FOR DEVELOPMENT)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

MAIN EXAMINATION

SECOND YEAR SECOND SEMESTER

FOR THE DEGREE OF BACHELOR OF EDUCATION ARTS

COURSE CODE: GEO 222

COURSE TITLE: SPATIAL ORGANIZATION

DATE: 13TH APRIL 2023

TIME: 9:00AM- 11:00 AM

INSTRUCTIONS TO CANDIDATES

1. ANSWER QUESTION ONE (Q1) COMPULSORY
2. ANSWER ANY OTHER TWO (2) QUESTIONS
3. USE ILLUSTRATION WHERE APPROPRIATE

THIS PAPER CONSISTS OF 3 PRINTED PAGES. PLEASE TURN OVER.

QUESTION 1 (COMPULSORY)

a) Describe the following concepts

- i. Spatial Organization (3 Marks)
 - ii. Land Use and Land Cover (3 Marks)
- b) Discuss the factors that influencing Spatial Organization in Kenya (12 Marks)
- c) Critically analyze the application of Von Thunens Model of Agricultural Land Use in Kenya (12 Marks)

QUESTION 2

Discuss the mechanisms that can be adopted to combat the Quelea bird manace in Mwea region of Kenya (20 Marks)

QUESTION 3

“The political conflicts occurring in Kenya is all about natural resources”. Discuss this view (20 Marks)

QUESTION 4

a) Define the following terms as used by Walter Christaller (1933)

- i. The marketing principle (3 Marks)
 - ii. The transportation principle (3 Marks)
 - iii. The administrative principle (2 Marks)
- b) Describe the relevance of Central place theory to the Kenyan context (12 Marks)

QUESTION 5

“Climate change is responsible for the increase in conflicts and crime in Kenyas Urban centres”. Critically analyze this view (20 Marks)