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KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2024/2025 ACADEMIC YEAR
FIRST YEAR, SECOND SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION(ARTS)
KGE 2208:ENVIRONMENTAL GEOGRAPHY

Date: 17th April 2024
Time: 8:30am-10.30am

INSTRUCTIONS TO CANDIDATES:

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

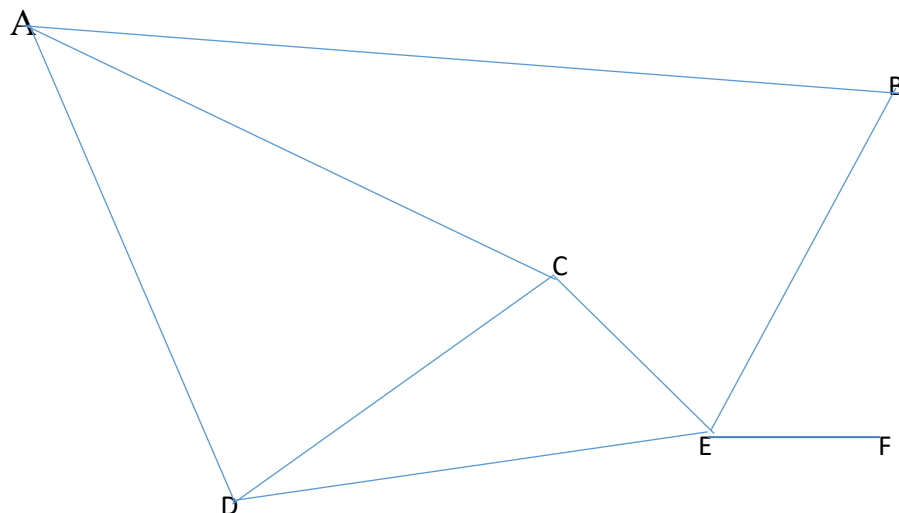
- a) Explain the following terms as used in Human Geography:
- (i) A system. (3 marks)
 - (ii) Spatial interaction. (4 marks)
 - (iii) Accessibility. (3 marks)
 - (iv) Ethnogeography. (4 marks)
- b) Describe a market as a system,. (8 marks)
- c) Using a labeled diagram, describe the Burgess Model of urban land use. (8 marks)

QUESTION TWO (20 MARKS)

- a) Explain the concept of spatial diffusion. (4 marks)
- b) Distinguish between expansion and relocation diffusion. (4 marks)
- c) Describe **six** elements of the diffusion process. (12 marks)

QUESTION THREE (20 MARKS)

- a) Explain **five** factors that constraint spatial interaction in any setting. (10 marks)
- b) Using the topological map below, draw the connectivity matrix and hence calculate the measure of connectivity (10 marks)



QUESTION FOUR (20 MARKS)

- a) Examine five methods that the government may use to decentralize industries in Kenya. (10 marks)
- b) Explain **five** factors influencing the location of industries. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Discuss Christaller's Central Place Theory. (10 marks)
- b) Examine **five** limitations of the Central Place Theory. (10 marks)