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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
THIRD YEAR END OF SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF BUSINESS INFORMATION TECHNOLOGY

Date: 26th July, 2022
Time: 8.30am –10.30am

KLC 2308 - ENVIRONMENTAL STUDIES

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

READ THE PASSAGE BELOW AND ANSWER QUESTION THAT FOLLOW.

The term environmental education is new not only to you but also to many people in Kenya. Environmental education is defined differently by different authors and educators for example, Odonoghue defines environmental education as a communication process that causes behavior change towards the environment. Other authors bring in different opinions like understanding the environment, sustaining the environment, ecosystem and responsibility for our environment. Many communities and urban centres are grappling with solid waste.

Answer the questions below;

- a) Examine the various limitations to environmental education. (6 marks)
- b) Discuss four methods of managing solid waste. (8 marks)
- c) Outline six principals of environmental studies. (6 marks)
- d) Using a diagram illustrate the nutrient cycle in the ecosystem. (6 marks)
- e) Highlight the role of environmental education in sustainable development. (4 marks)

QUESTION TWO (20 MARKS)

- a) Examine the concept of urban- urban migration. (10 marks)
- b) Using examples describe various non -renewable resources (10 marks)

QUESTION THREE (20 MARKS)

- a) Discuss the significance of wetlands. (10 marks)
- b) Evaluate the impact of ozone layer depletion. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Explain what entails environmental health. (10 marks)
- b) Describe various types of human migration. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Analyze the health effects associated with pesticide usage. (10 marks)
- b) Examine the concept of trophic levels in an ecosystem. (10 marks)