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KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2024/2025 ACADEMIC YEAR
FOURTH YEAR, SECOND SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION(ARTS)
KEC 2400: ENVIRONMENTAL EDUCATION

Date: 11th December 2024
Time: 8.30Pm-10.30pm

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Explain what do you understand by the following concepts;
 - i) Carrying Capacity (2 marks)
 - ii) Energy Flow (2 marks)
 - iii) Fauna/Flora (2 marks)
 - iv) Impact (2 marks)
 - v) Particle Size (2 marks)
- b) Discuss four effects of H₂O pollution to human health. (8 marks)
- c) Demonstrate strategies of utilizing solid waste for the benefit of society. (8 marks)
- d) Explain how you can reclaim wasteland after open cast mining. (4 marks)

QUESTION TWO (20 MARKS)

- a) Discuss various ways of not relying on charcoal for cooking. (8 marks)
- b) Explain how wetlands are beneficial to human life. (8 marks)
- c) Highlight four unconventional types of energies used in Kenya. (4 marks)

QUESTION THREE (20 MARKS)

- a) Examine the application of technology to environmental education in Kenya. (8 marks)
- b) Analyze the interdisciplinary approach to environmental education. (8 marks)
- c) Propose the areas of research in environmental education. (4 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss various types of environments. (8 marks)
- b) Highlight on the impact of ozone layer depletion. (8 marks)
- c) Using examples, propose the steps for preparing of environmental education curriculum considering CBC education system. (4 marks)

QUESTION FIVE (20 MARKS)

- a) Examine the role of social media in environmental education. (8 marks)
- b) Discuss four short comings of National Environmental Management Authority. (8 marks)
- c) Suggest four effects of landslides to human beings. (4 marks)