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KIRIRI WOMENS' 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: 15th April 2024
Time: 11:30am-1.30pm

INSTRUCTIONS TO CANDIDATES:

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Differentiate between the following concepts of environmental education:
- i) Environment and Habitat. (2 marks)
 - ii) Population and Community. (2 marks)
 - iii) Lithosphere and Biosphere. (2 marks)
 - iv) Environmental conservation and environmental preservation. (2 marks)
- b) Define the following:
- i) Environmental education. (2 marks)
 - ii) Potentially renewable resources. (2 marks)
 - iii) Sustainable development. (2 marks)
 - iv) Ecosystem. (2 marks)
 - v) Biodiversity. (2 marks)
- c) Discuss **two** causes of environmental degradation. (4 marks)
- d) Discuss **four** challenges faced in the implementation of environmental education in Kenya. (8 marks)

QUESTION TWO (20MARKS)

- a) Analyze **five** principles of sustainability according to Rio Declaration (1992) on Environment and Development. (10 marks)
- b) Explain **two** approaches used in giving of environmental education in Kenya secondary school curriculum. (4 marks)
- c) Explain the scope of environmental education. (6 marks)

QUESTION THREE (20MARKS)

- a) Discuss **three** main ways of conserving the environment. (6 marks)
- b) Discuss **five** roles of education in environmental conservation and management. (10 marks)
- c) State **four** main obstacles to environmental conservation. (4 marks)

QUESTION FOUR (20MARKS)

- a) Discuss any **six** indigenous conservation measures that ensured sustainable utilization of soil as a natural resource in Kenya. (12 marks)
- b) Discuss **four** effects of society on the environment (8 marks)

QUESTION FIVE (20MARKS)

- a) Discuss **five** sources of water pollution in Kenya. (10 marks)
- b) Describe **eutrophication** as a consequence of water pollution. (4 marks)
- c) Discuss the following terms as used to explain water scarcity. (6 marks)
 - i) Desiccation.
 - ii) Dry climate.
 - iii) Drought.