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KIRIRI WOMENS' 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 2104:ENVIRONMENTAL GEOGRAPHY

Date: 17th April 2024
Time: 11:30am-1.30pm

INSTRUCTIONS TO CANDIDATES:

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Explain the meanings of the following concepts:
- i) Environment. (4 marks)
 - ii) Resources. (4 marks)
 - iii) Conservation. (4 marks)
- b) Examine the components of a terrestrial ecosystem. (6 marks)
- c) Examine **three** pillars of sustainable development and their interaction. (6 marks)
- d) Define green house gas effect. (3 marks)
- e) Identify **three** water pollutants within the course of Nairobi River. (3 marks)

QUESTION TWO (20 MARKS)

- a) Using examples, evaluate **three** effects of rapid population growth on resource use and management. (6 marks)
- b) Explain the importance of studying environmental conservation in Geography. (8 marks)
- c) State three gains that the Government of Kenya will get from its tree planting appeal. (6 marks)

QUESTION THREE (20 MARKS)

- a) Describe **three** human activities that pose significant threats on the environment. (9 marks)
- b) Examine Green House Gases (GHGs) and their effects. (8 marks)
- c) State **three** legislations in Kenya for resource conservation. (3 marks)

QUESTION FOUR (20 MARKS)

- a) Using examples, examine the causes of and management of water degradation in Kenya. (10 marks)
- b) Examine the Kyoto Protocol. (6 marks)
- c) Examine **two** natural resources derived from the environment. (4 marks)

QUESTION FIVE (20 MARKS)

- a) Explain **four** economic contributions of forest resources in Kenya. (8 marks)
- b) Examine **four** components of an environmental policy. (8 marks)
- c) State provisions of the Environmental Management and Co-ordination Act (EMCA, 1999). (4 marks)