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KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS, 2023/2024 ACADEMIC YEAR
END OF SEMESTER EXAMINATIONS
FOR THE DEGREE IN BACHELOR OF EDUCATION(ARTS)
KGE 2104-ENVIRONMENTAL GEOGRAPHY

Date: 14th April 2023
Time: 2.30pm-4.30pm

INSTRUCTION TO CANDIDATES:

ANSWER QUESTION ONE(COMPULSORY)AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) What do you understand by the following concepts:
 - i) Environment (4marks)
 - ii) Resources (4marks)
 - iii) Conservation (4marks)
- b) Examine the components of a terrestrial ecosystem. (6 marks)
- c) Examine the pillars of sustainable development and their interaction. (6 marks)
- d) Define greenhouse gases, giving **two** examples. (3 marks)
- e) Identify any **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 **four** significance of studying environmental conservation in Geography. (8 marks)
- c) State **three** gains of the Government of Kenya's appeal of national tree planting. (6 marks)

QUESTION THREE (20 MARKS)

- a) Describe **three** human activities that pose significant threats on the environment (6marks)
- b) Examine Green House Gases (GHGs) and their effects. (6marks)
- c) State **three** legislations in Kenya for resource conservation. (3 marks)
- d) Identify **five** potential pollutants of the Indian Ocean ecosystem. (5 marks)

QUESTION FOUR (20 MARKS)

- a) Using examples, examine the causes of and management of water degradation in Kenya (10marks)
- b) Examine the Kyoto Protocol as applied to environmental management. (8 marks)
- c) State the main concern(s) of the Montreal convention. (2 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)