



KAG EAST UNIVERSITY

KITENGELA CAMPUS

**END OF SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS IN
EDUCATION**

ECC- 1223: ENVIRONMENTAL EDUCATION

STREAM: EDUCATION

TIME: 3 HOURS

EXAMINATION SESSION: JAN-APRIL 2022

YEAR: 2021/2022

DAY: THURSDAY

DATE:31/3/22

INSTRUCTIONS:

1. Read all the instructions carefully.
2. Answer ALL FIVE questions
3. Each question carries 20 Marks.
4. Ensure all the pages of the question paper are printed

1. Energy consumption of a nation is usually considered as an index of its development, because almost all the development activities are directly or indirectly dependent upon energy.
 - a) Differentiate with five relevant examples between renewable and non-renewable resources. **(10 marks)**
 - b) Explain five main problems related to use of energy. **(10 marks)**
- 2.a) Differentiate between biodiversity and Ecosystem? **(2 marks)**
 - b) Discuss any four values of biodiversity giving relevant examples. **(8 marks)**
 - c) With the help of a food chain, discuss the functions of an ecosystem. **(10 marks)**
3. Development projects that displace people involuntarily generally give rise to severe economic, social, and environmental problems
 - a) Analyze five main causes of resettlement in Kenya **(10 marks)**

b) Discuss any five positive impact of resettlement to individuals. **(10 marks)**

4. 'Forest vary in composition and diversity and can contribute substantially to the economic development of any country'.

a) Evaluate any five significance of forests. **(10 marks)**

b) Explain any five major disadvantages of dams to the society. **(10 marks)**

5. Pollution is defined as 'an undesirable change in physical, chemical and biological characteristics of air, water and land that may be harmful to living organisms.

a) Explain any five urban problems related of air pollution. **(10marks)**

b) Analyze five prevention steps and control of water pollution. **(10 marks)**