



*(Knowledge for Development)*

## **KIBABII UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**2020/2021 ACADEMIC YEAR**

**DIPLOMA IN EDUCATION**

**SPECIAL/ SUPPLEMENTARY EXAMINATION**

**COURSE CODE: EDD 021**

**COURSE TITLE: ENVIRONMENTAL EDUCATION**

**DATE: 1/10/2021**

**TIME: 2:00 PM- 4:00 PM**

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### **INSTRUCTIONS TO CANDIDATES**

Answer Question One and Any other TWO (2) Questions.

TIME: 2 Hours

This Paper Consists of 3 Printed Pages. Please Turn Over. ►

## QUESTION ONE (30 MARKS)

- a) Explain the following terms (2 marks)
- i. NEMA (2 marks)
  - ii. EMCA 2015 (2 marks)
  - iii. Food chain (2 marks)
  - iv. Global warming (2 marks)
  - v. Environmental crisis (2 marks)
- b) State **two** approaches of teaching environmental education (4marks)
- c) State **three** goals of environmental education (3 marks)
- d) Name any **three** gases that form the atmosphere (3 marks)
- e) Outline **four** components of the environment (4 marks)
- f) Outline **six** trophic levels in an ecosystem (6marks)

## QUESTION TWO (20 MARKS)

Choose a topic from any of the subjects that you teach in the school curriculum. Identify content with aspects of environmental issues

- a) Prepare a two weeks scheme of work (10 marks)
- b) From the scheme of work in ( a ) above, prepare a single lesson plan that will enable your learners to achieve the stated objectives (5 marks)
- c) Prepare a record of work for the content taught (5 marks)

**QUESTION THREE (20 MARKS)**

a) Describe **five** functions of the atmosphere

(10 marks)

b) Describe **five** sources of water pollution

(10 marks)

**QUESTION FOUR (20 MARKS)**

a) Citing examples discuss **three** general environmental problems affecting Kenya and suggest ways of addressing each one of them

(12 marks)

b) Discuss the approach used to implement environmental education in Kenyan secondary schools

(8 marks)

**QUESTION FIVE (20 MARKS)**

Discuss ways of protecting a named endangered species in Kenya

(20 marks)