



3

(Knowledge for Development)

KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR**

FIRST YEAR

**SPECIAL/SUPPLEMENTARY EXAMINATION
FOR POST GRADUATE DIPLOMA IN EDUCATION**

COURSE CODE: ESM 712

COURSE TITLE: ENVIRONMENTAL EDUCATION

DATE: 10/02/20

TIME: 2:00PM-4:00PM

INSTRUCTIONS TO CANDIDATES

Answer Question One and any other TWO (2) Questions

TIME: 2 Hours

This Paper Consists of 2 Printed Pages. Please Turn Over. ►

QUESTION ONE (30 Marks)

- a) State **two** goals of environmental education (2 Marks)
- b) Name the components of the biosphere (2Marks).
- c) Briefly explain **two** major causes of climate change (2Marks)
- d) Outline **three** initiatives that have been made to conserve the ozone layer (6 Marks)
- e) List **five** global environmental problems that require urgent attention (5 Marks).
- f) Outline **three** principles of environmental education (6Marks).
- g) What do you understand by the term **EMCA 2015** (1 Mark)
- h) Define the term “environmental crisis” (2Marks).
- i) “Development and environment are two sides of the same coin”. Explain. (4 Marks)

QUESTION TWO (20 Marks)

- a) State the categories of the extent of potential environmental crises identified at local, national, regional and global levels (8 Marks)
- b) Describe 5 effects of man on the balance of nature (12 Marks)

QUESTION THREE (20 Marks)

Discuss **five** challenges associated with the teaching of environmental education in schools in Kenya.

QUESTION FOUR (20 Marks)

- a) Briefly discuss the **four** functions of NEMA. Provide clear examples (12 Marks)
- b) Briefly discuss **four** current environmental issues in Kenya (8 Marks)

QUESTION FIVE (20 Marks)

- a) Using clear examples discuss the genesis of environmental crises (20 Marks)