



“Investing in Africa’s Future”

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

NESN203: ENVIRONMENTAL EDUCATION FOR SUSTAINABLE DEVELOPMENT

END OF FIRST SEMESTER EXAMINATION

NOVEMBER 2025

LECTURER: MR. G. P. MITI

DURATION: 3 HRS

INSTRUCTIONS

Answer all questions in Section A and any **three** from Section B

Section A carries **40 marks** and each question in Section B carries

20 marks.

SECTION A: ANSWER ALL QUESTIONS [40 MARKS]

Question 1

- a. What do you understand by the term “Education for Sustainable Development”? [4]
- b. Outline three (3) elements of education that make it an important process for achieving sustainable development. [6]
- c. How would you use wildlife documentaries to change the attitudes of college students towards preservation of diverse habitats? [5]
- d. Outline the key tenets of each of the following:
 - i. Formal education; [7]
 - ii. Non-formal education; and [7]
 - iii. Informal education. [6]
- e. Outline the principal characteristics and type of relationship associated with the concept of the “Environment as a resource” in environmental education for sustainable development. [5]

SECTION B: ANSWER ANY THREE QUESTIONS [60 MARKS]

Question 2

- a. Describe in detail how a wildlife documentary you watched in class helps demonstrate the following environmental and natural resources concepts:
 - a. Anthropogenic influence. [7]
 - b. Conservation biogeography . [6]
 - c. Habitat degradation. [7]

Question 3

Outdoor activities are an important way of educating people for sustainable development. Discuss what a group of learners would learn from an organised local field trip from the bio-digester project at the Africa University Farm. Include any learning points that you can point out to them along the way to the plant. [20]

Question 4

- a. Describe UNESCO’s position on Education for Sustainable Development. [5]
- b. Outline the main aims of Education for Sustainable Development. [5]
- c. Discuss the main United Nations objectives for the Decade of Education for Sustainable Development. [10]

Question 5

Explain how Education for Sustainable Development can be harnessed to help achieve the following Sustainable Development Goals (SDGs).

- a. Goal 2 Zero hunger [4]
- b. Goal 6 Clean water and sanitation [4]
- c. Goal 7 Affordable and clean energy [4]
- d. Goal 13 Climate action [4]
- e. Goal 16 Peace, Justice and Strong Institutions [4]

Question 6

Discuss the key elements and teaching/learning approaches associated with the rational, humanistic and inventive paradigms of environmental education. [20]

END OF EXAMINATION PAPER