



*“Investing in Africa’s Future”*

**COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES**

**NESN 101: INTRODUCTION TO THE HUMAN ENVIRONMENT**

**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. Distinguish between over population and under population [4]
- b. Explain the importance of each of the following in population studies:
  - i. Crude birth rate; [2]
  - ii. Crude death rate; [2]
  - iii. Rate of natural increase; and [2]
  - iv. Old age index. [2]
  - v. Infant mortality rate [2]
- c. Use an illustrative, well annotated diagram of the Demographic Transition Model to demonstrate how a country's population structure changes as it becomes more developed. [14]
- d. Discuss the key factors that influence people's choice of a settlement site. [12]

## SECTION B: ANSWER ANY THREE QUESTIONS [60 MARKS]

### Question 2

- a. Define migration. [2]
- b. Why do people migrate? [6]
- c. Discuss the impact of migration on each of the following:
  - i. Country of origin; [6]
  - ii. Country of destination; [6]

### Question 3

- a. Use two annotated sketch population pyramid diagrams to illustrate the differences between the structure of the population of a developed country and a developing country. [6]
- b. Select one named developed country and one named developing country whose population structures you studied and compare and contrast the following:
  - i. The economic implications of the population structures [6]
  - ii. The social implications of the population structures. [4]
  - iii. The opportunities for economic development that each population structure presents. [4]

### Question 4

- a. Outline the possible causes of under-population in an area. [4]
- b. "Under-population has both advantages and disadvantages". Discuss. [16]

**Question 5**

With the use of examples, discuss the negative consequences of rapid urban growth? [20]

**Question 6**

Explain the variations in the relative importance of primary, secondary, tertiary and quaternary economic sectors in less developed, developing and developed countries. [20]

**Question 7**

Critically examine the pros and cons of Globalisation to developing (low income) countries. Discuss. [20]

**END OF EXAMINATION PAPER**