



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
2023_2 EXAMINATIONS

COURSE CODE: ESM 411

COURSE TITLE: Population, Environment and Development.

CREDIT: 2 Units

TIME ALLOWED: 2 Hours

Instruction: Attempt question number ONE (1) and any other THREE (3) questions. Question number one (1) carries 25 marks, while the other questions carry (15) marks each.

1a) Differentiate between the population of Less Developed Countries (LDC) and More Developed Countries (MDC) **(7marks)**

1b) Explain the linkages that exist between population and the environment. **(15 marks)**

1c) Outline the agent of soil erosion. **(3mark)**

2a) Describe the Population Structure of developed and developing world **(8marks)**,

2b) What are the health effects of Ozone-layer depletion **(3marks)**,

2c) State the anthropogenic factors responsible for soil erosion. **(4 mark)**,

3a) Explain the relationship between scale and generalisations in the study of environmental issues. **(7marks)**

3b) Explain the relationship between Technology, social values and social action (**5mark**),

3c) Name the 3 river basins where evolution in farming appears to have taken place. **(3marks)**,

4a) How has the gap in World Trade affected sustainable use of resources? **(5marks)**

4b) Explain the relationship between development benefits and demographic transition **(10marks)**

5a) How can a sustainable future be established in both developed and developing countries? **(11marks)**

5b) “Developing countries pay an even higher price for neglecting environmental accounting”. Discuss **(4marks)**