



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
SEPTEMBER 2020_1 EXAMINATION

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) Give 5 natural advantages of the earliest settlements **(6marks)**
- 1b) Describe the development of early settlements **(7marks)**
- 1c) What are the various scales by which population distributions and densities can be studied?
(6marks)
- 1d) What are the implications of the youthful population structure of developing countries?
(6marks)
- 2) Explain the relationship between carrying capacity of the Earth and population growth
(15marks)
- 3a) What are the factors that led to increased food and other supplies, and decreased death rates?
(9marks)
- 3b) Examine the factors responsible for life expectancy in Nigeria? **(6marks)**
- 4a) Mention the Four greenhouse gases that are responsible for the bulk of global warming.
(4marks)
- 4b) Examine the economic and social implications of growing elderly population in developing countries **(3marks)**
- 4c). Examine the relationship that exists between population- and development **(8marks)**
- 5a) Describe the methods that can be used in illustrating population distributions **(5marks)**
- 5b) Outline the functions of Population data. **(5marks)**
- 5c) What are the anthropogenic causes of global warming? **(5marks)**