



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI ABUJA
FACULTY OF SCIENCE

Department of Biological Sciences

2022_2 EXAMINATION

COURSE CODE: BIO 304 (2 CREDIT UNITS) TIME ALLOWED: 2HOURS

COURSE TITLE: GENERAL ECOLOGY

INSTRUCTION: Answer question ONE (1) and any other TWO (2) Questions only

- 1a Briefly, but concisely discuss the four major causes of Industrial pollution. (20 marks)
- 1b Describe the Human Influence on Succession (10 marks)
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- 2a What is ecological Succession? (5 marks)
- 2b Outline any five safety measures for the maintenance of nuclear power plants (5 marks)
- 2c Elucidate on the major steps for Solving environmental problems (10 marks)
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- 3a List and explain any three different life processes taking place within the eco-system (9 marks)
- 3b Highlight any five human activities that can improve the quality of the ecosystem from conservation point of view (6 marks)
- 3c Outline the stages of Secondary Succession (5 marks)
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- 4 Briefly describe each of the following ways by which demographic data can be presented
- Population life tables (5 marks)
 - Population pyramid (5 marks)
 - Population survivorship curves (5 marks)
 - Evolutionary strategies (5 marks)
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- 5a Describe the process of Primary Succession (10marks)
- 5b Highlight the environmental challenges of rising human populations (10 marks)