



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF SCIENCES
DEPARTMENT OF ENVIRONMENTAL SCIENCE
Plot 91, Cadastral Zone, NnamdiAzikwe Expressway, Jabi, Abuja
POP EXAMINATION 2022_2

COURSE CODE: ESM 431

CREDIT UNIT: 2

TIME: 2:30MINS

NOVEMBER, EXAMINATION, 2021_2

COURSE TITLE: ENVIRONMENTAL HEALTH AND SAFETY

Instruction: Attempt question number ONE (1) and any other TWO (2) questions. Question number one (1) is compulsory and carries 30 marks, while the other questions carry equal marks (20 each).

1a. What is environmental Impact Assessment? 10 marks

1b. What are the key factors driving climate change? 10 marks

1c. Explain the main steps in the EIA process. 10 marks

2a. What is the minimum contents of an EIA in Nigeria. = 10 marks

2b. Identify the challenges to EIA in Nigeria. = 10 marks

3a. What are types of Environmental Audits? =6 marks

3b. What are the benefits of Environmental Audits? = 5 marks

3c. What are the important elements of an Audit Report. = 5 marks

4a. Attempt a division of Cost Benefit Analysis approach. = 6 marks

4b. Identify the uses of Life Cycle Assessment. = 10 marks

4c. What are the benefits of Clean Technology. = 4 marks

5. Discuss the benefits of the environment to human health. = 20 marks