



**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**