



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF CROP AND SOIL SCIENCE
2024_2 EXAMINATION**

COURSE TITLE: ENVIRONMENTAL IMPACT ASSESSMENT (2CU)

COURSE CODE: AGR 307

TOTAL SCORE: 70 MARKS

INSTRUCTION: Answer 3 questions in all

Question 1 is compulsory (30 marks) and any other TWO questions (20 marks each)

TIME ALLOWED: 2 Hours

1. a. Explain the origin and legal framework for EIA in Nigeria (10 marks)
b. List five (5) minimum requirements of the content of an EIA report (10 marks)
c. In a tabular format, state five (5) components of environment and three (3) examples of their Impact Indicators (10 marks)
2. a. State three (3) reasons why the internationally accepted principles of EIA good practice calls for scoping (3 marks)
b. Discuss the concept of Mitigation in EIA (12 marks)
c. Differentiate between “low-level” and “high-level” environmental Appraisal (5 marks)
3. a. Provide the good stages of mitigation measures for the proposed establishment the following projects where:
i) 500 ha rubber plantation will be established in Benue State
ii) valuable community farms have to be relocated
iii) a bird sanctuary within the area will be disturbed and lost
iv) access to a river used by a community for drinking and other purposes will be blocked
v) the project will block the movement of monkeys from the north to the south of their feeding ground (10 marks)
b. Mention seven (7) significant judgment upon which potential impacts can be identified and classified as negative/adverse or beneficial (7 marks)
c. State the basis for the selection of potential effects (3 marks)
4. a. Discuss the role of Federal Ministry of Environment (FMEnv) in Environmental Impact Assessment (EIA) in Nigeria (10 marks)
b. State the final consideration made by a regulator before granting an approval for the project implementation to commence (4 marks)
c. Define the term “residual impacts” (6 marks)