

**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**FACULTY OF AGRICULTURAL SCIENCES**  
**DEPARTMENT OF CROP & SOIL SCIENCE**

*EXAMINATION: SECOND SEMESTER POP EXAMINATION FEBRUARY 2108*

**COURSE TITLE: ENVIRONMENTAL IMPACT ASSESSMENT**

**COURSE CODE: AGR 307**

**TOTAL SCORE: 70 MARKS**

**TIME ALLOWED: 3 hours**

**INSTRUCTION: Answer compulsory question 1 (25marks) and any three questions (15 marks each )**

**QUESTION**

- Q1 a) State any two definitions Environmental Impact Assessment (EIA). (8marks)
- b) Highlight the potential scope of a comprehensive EIA process. (8marks)
- c) Briefly explain the origin of EIA and legal framework for EIA in Nigeria. (9marks)
- Q2 a) State the Various types of impact assessments based on the purpose and the theme of development. (8marks)
- b) Explain why Strategic Environmental Assessment (SEA) is particularly more important in EIA. (2.5marks)
- c) Mention the three typical questions that can be addressed or requiring in HIA. (4.5 marks)
- Q3 a) Highlight the key elements of environmental impact assessment (EIA). (5marks)
- b) Differentiate by meaning the screening and scoping exercises in EIA. (5marks)
- c) Enumerate five issues to be considered in the scoping exercise of EIA?

(5marks)

Q4 a) What are the factors to be considered in formation of Alternatives in EIA?  
(6marks)

b) List five examples of policy Alternatives in EIA.(5marks)

c) Briefly explain the concept of Zero action alternatives in selection of activities. (4marks)

Q5 a) what is mitigation measures in EIA. (3marks)

b) Provide mitigation measures for following impact actions;

I. I. 400ha of prime forest would be lost to accommodate the palm oil plantation

II. II. valuable community farms to be relocated

III. III. a bird sanctuary within the land area will be disturbed and lost.

IV. IV. access to a river used by a community for drinking and other purposes will be blocked

V. V. the project will block the movement of monkeys from the north to the south of their feeding ground.(10marks)

C) Define Monitoring Plan. (2marks)

Q6 a) what is an Environmental Impact Assessment (EIA) report? (3marks)

b) Accordingly highlight the chapters heading of table of Contents of an environmental impact assessment report. (9marks)

c) State the phases for Preliminary Identification of Potential Impacts.  
(3marks)