



**NATIONAL OPEN UNIVERSITY OF  
NIGERIA**  
**University Village, Nnamdi Azikwe Express Way, Plot 91,  
Cadastral Zone,  
Jabi, Abuja**

**Faculty of Agricultural Sciences**  
**FIRST SEMESTER EXAMINATION: June/July**  
**Course Title: Fisheries Environmental Impact Assessment (FEIA)**  
**Course Code: AFM310**  
**Credit Unit: 2**

**Time Allowed: 2 Hours**

**INSTRUCTION: Answer any four (4) questions. All questions carry equal marks.**

1. Write short note on any five (5) of the following subjects on evaluation of impact significance:
  - i. The key elements for assessing the significance of impacts. 5marks
  - ii. The guiding principles for the determination of the significance of impact. 5marks
  - iii. Three questions that should be asked when a test of significance is to be applied. 5marks
  - iv. Criteria to evaluate whether or not adverse impacts are significant. 5marks
  - v. Criteria to evaluate the significance of adverse social impacts that result from biophysical changes. 5marks
  - vi. Environmental standards, objectives and targets to evaluate significance. 5marks
  - vii. Criteria to evaluate adverse impacts on natural resources, ecological functions or designated areas. 5marks
2. A) State the methods used in environmental impact identification. 5marks

b) Mention the advantage and disadvantages of any 5 (five) common methods used in environmental impact identification. 20marks

3. a). State the various stages fisheries environmental impact assessment project undergoes from proposal to approval for implementation, resulting in the issuing of an Environmental Impact Statement (EIS) and certificate? 12 marks

b). List the practical steps of National Procedural Guidelines from project conception to commissioning? 9marks

c). State the four methods EIA uses to communicate to the proponent? 4marks

4. a). What is environmental assessment? 2marks