



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**FACULTY OF SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL SCIENCE**  
**Plot 91, Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja**

**COURSE CODE: EMT301**

**COURSE TITLE: RESOURCE EVALUATION**

**CREDIT UNIT: 2**

**TIME: 2:30MINS**

**Instruction:** Attempt question number ONE (1) and any other THREE (3) questions. Question number one (1) is compulsory and carries 25 marks, while the other questions carry equal marks (15) each.

- 1.a. Explain the Market Price Approach of **Resource Evaluation**. (9marks)
- 1.b. Identify the advantages in using the Market Price Method. (8marks)
- 1.c. Highlight Limitations in using the Market Price Method. (8marks)
  
2. Explain the concept Resource Evaluation. (15marks)
  
- 3.a. Explain the term Geomorphometry? (10marks)
- 3.b. Identify the basic steps in Geomorphometry. (5marks)
  
- 4.a. Explain the Contingent Valuation Method of resource evaluation. (10marks)
- 4.b. Conditions are required for Contingent Valuation Method of resource evaluation. (5marks)
  
- 5.a. What do you understand by the term Seismic refraction. (10marks)
- 5b. What are the disadvantages of seismic refraction? (5marks)