



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
2021_2 EXAMINATIONS

COURSE CODE: ESM422

COURSE TITLE: RESOURCE EVALUATION

CREDIT: 2 Units

TIME ALLOWED: 2 Hours

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

1. a. Highlight four limitations of market price method (10 marks)
- 1b. List the four methods of Income Approach to resource evaluation (8 marks)
- 1c. List the methods involved in cost approach to resource evaluation (7 marks)

2. a. Explain the Appraised Value Method of resource evaluation (10 marks)
- 2b. List five limitations of the appraised value method (5 marks)

3. a. Explain The Contingent Valuation Method of resource analysis (10 marks)
- 3b. List the five steps in implementing Geomorphometry (5 marks)

4. a. Explain the conditions required for condition valuation method of resource evaluation? (10 marks)
- 4b. Give five advantages of Reflection Seismic method (5 marks)

5. a. Discuss the guidelines in the application of Condition Valuation Method? (10 marks)
5. Briefly explain Cost-Benefit Analysis (CBA). (5 marks)