



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA**  
**FACULTY OF SCIENCE**  
**SEPTEMBER, 2020\_1 EXAMINATION**

**COURSE CODE: EMT 301**

**COURSE TITLE: Principles of Natural Resources Management**

**CREDIT: 2 Units**

**TIME ALLOWED: 2 Hours**

**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.

- (1a) Explain the Contingent Valuation Method (CVM) of Resource Evaluation. **(12marks)**
- (b) Outline the conditions required in CVM. **(9marks)**
- (c) State the three sections involved in CVM. **(4marks)**
  
- (2) Discuss the basic principles of Geomorphometry. **(15 marks)**
  
- (3a) Outline the steps that comprise a generic Cost-Benefit Analysis. **(7marks)**
- (b) Outline the principles of cost-benefit analysis. **(8marks)**
  
- (4a) Explain the Market Price Approach of Resource Evaluation **(7marks)**
- (b) Outline the advantages and limitations of Market Price Approach. **(8marks)**
  
- (5a) State the advantages of the Appraised Value Method of Resource Analysis. **(7marks)**
- (b) Outline the limitations of the above method. **(8marks)**