



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)**