



NATIONAL OPEN UNIVERSITY OF NIGERIA

University Village, Plot 91 Cadastral Zone, NnamdiAzikiwe Express Way, Jabi - Abuja.

FACULTY OF SCIENCES

ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT

JANUARY/FEBRUARY 2018 EXAMINATIONS

COURSE CODE: ESM 422

TIME ALLOWED: 2HOURS

COURSE TITLE: RESOURCE EVALUATION

Instruction: Attempt question number one (1) and any other three (3).

1a. Explain the term Resources Evaluation (**8marks**)

1b. Discuss the varied ways resource evaluation can be applied in assessing a country's mineral deposits (**17marks**)

2a. Explain the term "Geomorphology" (**3marks**)

2b. Explain any three geomorphologic processes (**12marks**)

3a. Explain the term Net Present Value (NPV) (**7.5marks**)

3b. Outline five basic advantages of Net Present Value in resource evaluation (**7.5marks**)

4a. Explain the contingent valuation method. (**5marks**)

4b. Explain any five conditions required for a contingent valuation method (**10marks**)

5. Discuss the market price approach to income evaluation (**15marks**)