



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16, Ahmadu Bello Way, Victoria Island

SCHOOL OF SCIENCE AND TECHNOLOGY
October, 2013 Examination

PROGRAMME: Environmental Science and Resource Management

COURSE CODE: ESM 428

COURSE TITLE: Ecology of Natural Resources

COURSE UNIT: 2 units.

TIME ALLOWED: 2 hours 30 minutes.

INSTRUCTION: Answer any 4 questions.

- 1 a. Mention the 5 PRINCIPAL layers of the Atmosphere. **(5marks)**
b. Elaborately discuss 3 of these layers. **(12.5marks)**
2. What do you understand by Biogeochemical cycles. Discuss. **(17.5marks)**
- 3 a. Explain the term "Watersheds" **(6.5marks)**
b. Write a short note on the Watershed factors **(6.5marks)**
c. Highlight the importance of Watersheds **(4.5marks)**
- 4 a. What are natural resources? **(6.5marks)**
b. What are Renewable resources? **(5.5marks)**
c. What are Non-Renewable resources? **(5.5marks)**
- 5 Discuss the **socio-economic aspects** of Environmental Impact Assessment **(17.5marks)**
- 6 Conservation of wildlife in Africa is fast becoming a major concern. Discuss. **(17.5 marks)**