



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

APRIL/MAY, 2019 EXAMINATIONS

COURSE CODE: ESM 428

COURSE TITLE: ECOLOGY OF NATURAL RESOURCES

CREDIT: 2 Units

TIME ALLOWED: 2 Hours

Instruction: Attempt question number ONE (1) and any other THREE (3) questions.

- 1a. Define the term Natural Resources (2marks).
- b. What are Biotic resources (3marks)
- c. List any two examples of Natural Resources (2marks)
- d. Define the following terms: (i) Sun Energy resources (3marks)
(ii) Land resources (3marks)
(iii) Chalcopryite (3marks)
- e. (i). State the Importance of Gypsum (4marks)
- e.(ii). Explain the Earth as Natural Environment (3marks)
- f. What do you understand by Lithosphere (2 marks)
2. a. What is Environmental/Ecology sustainability? (2marks)
- b. State how land use affects biodiversity (3marks)
- c. Define the term Natural resources Multifunction (4marks)
- d. Write the functions of Environment law and policy (2marks)
- e. What are the importance of Environmental law (EPA)? (4marks)
3. a. Outline the functions of Conservation International (2marks)
- b. What is Nature and Resources? (3marks)
- c. Define Potential Resources? (4marks)
- d. What constitute Abiotic resources? (2marks)
- e. List any four categories of Natural Resources (4marks)
- 4.a. Mention any two uses of Barite (2marks)
- b. Suggest any two uses of Chalcopryite (3marks)
- c. What is the importance of Atmospheric Resources? (4marks)
- d. Explain Hydrosphere (2marks)
- e. Discuss the term ionosphere (4marks)
5. a. What is Troposphere? (2marks)
- b. Define the term Weather (3marks)
- c. Describe Water cycle (4marks)
- d. State human impact on natural environment (2marks)
- e. How does degradation of natural environment affect Fauna and Flora? (4marks)