

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. Question number one (1) carries 25 marks, while the other questions carry (15) marks each.

- (1a) Define the term, exosphere (2 marks)
- (1b) What is ozone layer? (3 marks)
- (1c) List planetary boundary layer (2 marks)
- (1d) i What is (i) Biosphere (2 marks)
 (ii) Ecosystem (4 marks)
 (iii) Biogeochemical cycles (3 marks)
- (1e) i Describe briefly oxygen cycle (4 marks)
 ii What is wilderness? (3 marks)
- (1f) i State briefly effects of degradation of natural environment (2 marks)

- (2a) List some components of the Earth. (2 marks)
- (2b) Explain the biosphere as part of the environment. (3 marks)
- (2c) Define the term Sequestration (4 marks)
- (2d) Explain emission reduction from the environment (3 marks)
- (2e) What are the actual resources in ecology? (3marks)

- (3a) What is troposphere? (2 marks)
- (b) Define the term weather (3 marks)
- (3c) Describe water cycle (4 marks)
- (3d) State human impact on natural environment (2 marks)
- (3e) How does degradation of natural environment affect fauna and flora? (4 marks)

- (4a) What is troposphere? (2 marks)
- (4b) What is weather? (3 marks)
- (4c) Explain water cycle (4 marks)
- (4d) What are the activities of human beings on the environment? (2 marks)
- (4e) Explain how degradation affects fauna and flora. (4 mark)

- (5a) What are Abiotic resources? (2 marks)