



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Sciences
SEPTEMBER 2020_1 EXAMINATION

COURSE CODE: ESM 403
COURSE TITLE: ENVIRONMENTAL PERCEPTION
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. Define an environment and list four components of the environment **(3 marks)**
- 1b. Write briefly on the gases present in the atmosphere and state their percentage composition by volume **(5marks)**
- 1c. Explain the relationship between perception and senses **(5 marks)**
- 1d. Write briefly on solar energy source **(5 marks)**
- 1e. Summarize the seven steps towards achieving qualitative decision making **(7 marks)**
- 2a. 'waste varies in space and time' explain **(5 marks)**
- 2b. Explain succinctly the 3Rs of modern waste management practices **(10 marks)**
- 3a. Define perceptual process and outline the steps involved **(7 marks)**
- 3b. Explain how the following affects perception (i) the target (ii) psychology **(8 marks)**
- 4a. Enumerate three negative effect of agriculture on the lithosphere **(6 marks)**
- 4b Explain the theory of environment possibilism and mention three proponents of the theory **(9 marks)**
- 5a. what is transduction **(5 marks)**
- 5b. Justify the growing concern over the use of fossil fuel as our primary source of energy **(10 marks)**