



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**)