



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF SCIENCES
DEPARTMENT OF ENVIRONMENTAL SCIENCE
Plot 91, Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja
2020_2 EXAMINATIONS

COURSE CODE: ESM 403

COURSE TITLE: ENVIRONMENTAL PERCEPTION

CREDIT UNIT: 2

TIME: 2

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 the term environment. (1mark)

1b) List and discuss any three sensory systems of perception. (9marks)

1c) Write short notes on the following:

i. Lithosphere. (3marks)

ii Environmental Determinism. (3marks)

iii Resources as it relate to perception. (3marks)

1d) Describe briefly the early trend in waste perception and management. (6marks)

3a) List and describe the different layers of the atmosphere. (12marks)

3b) Define the term water pollution. (1 marks)

3c) Differentiate between point sources and non-point sources of water pollution. (2marks)

4a) Highlight the ways in which man's intervention depletes freshwater resources. (5marks)

4b) Discuss the various impacts of Urbanisation on the lithosphere. (6marks)

4c) List four activities employed in the mining of mineral deposits. (4marks)

5a) Identify nine major classes of pollutants, which cause most outdoor air pollution. (9marks)

5a) Describe the term global warming. (2marks)

5b) Highlight four major determinants of temperature at or near the earth surface. (4marks)

6a) Differentiate between Perception and Recognition. (4marks)

6b) List any seven steps involved in the perceptual process. (7marks)

6c) Write short notes on the following:

ii. Cognition. (2marks)

iii. Sensory system. (2marks)