



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Sciences
2021_2 EXAMINATIONS

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) Outline the effects of air pollution on vegetation (2 marks)
 - b) Highlight the four major determinants of temperature at or near the earth surface (2 marks)
 - c) Discuss the concept of Global Warming. (10 marks)
 - d) Discuss the different types of perceptual constancy. (4 marks)
 - e) Explain the two broad classes of perception (2 marks)
 - f) Enumerate on the sensory system of perception responsible for processing sensory information. (5 marks)
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- 2a) Explain Jean Piaget's theory of Cognitive Development. (4 marks)
 - b) Distinguish between the pre-operational and concrete operational stages of cognitive development. (8marks)
 - c) Describe the characteristics of formal operational stage of cognitive development. (3marks)
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- 3a) What do you understand by the term decision making? (3 marks)
 - b) Enumerate the steps that can be taken to enhance the abilities of policy-makers in achieving qualitative decisions. (7 marks)
 - c) Discuss the role environmental perception in decision making. (5 marks)
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- 4a) Explain the concept of resource management. (5 marks)
 - b) Enumerate the main strategies of resource manage. (5 marks)
 - c) Explain the role of perception in resource management. (5 marks)
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- 5a) Explain the factors that has exacerbated the increasing generation of waste. (5 marks)
 - b) Enumerate the consequences of open waste dump in Nigeria. (3 marks)
 - c) Discuss the significance of the integrated approach of reduce and reuse as modern techniques of waste management. (7 marks)