



**National Open University of Nigeria**  
**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**  
**Faculty of Science**  
**OCTOBER, 2019\_2 EXAMINATION**

**COURSE CODE: EMT 307**

**COURSE TITLE: Environmental Pollution Studies**

**CREDIT: 3 Units**

**TIME ALLOWED: 2½Hours**

**Instruction:** Attempt question number ONE (1) and any other FOUR (4) questions. Question number one (1) is compulsory and carries 22 marks, while the other questions carry equal marks (12) each.

- 1a. Define the term pesticides. (2marks)
- 1b. State briefly the effects of pesticides (3marks)
- 1c. Explain the implications of oil and petroleum chemicals (2 marks)
- 1d . Describe these terms (9 marks)
- (i) Acid mine drainage
- (ii) Spills and leaks
- (iii) Marine debris
- 1e). How can water pollution be controlled? (4 marks)
- 1f. What is soil pollution (2 marks)
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- 2a. Explain the term environmental pollution (2marks)
- 2b. State the effects of water pollution (3marks)
- 2c. What are the implications of noise pollution (4 marks)
- 2d). What are solid wastes (3 marks)
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- 3a. State the importance of soil conservation (2marks)
- 3b. What are the reasons for conservation (3marks)
- 3c. Explain non source point pollution (4marks)
- 3e. Describe any three ways in which plastics can be recycled (3marks)
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- 4a. What are the water borne infectious diseases? (2marks)
- 4b. Explain briefly chemical contamination (3marks)
- 4c. What are the Effects of chemical pollution? (4marks)
- 4d. How does an industrial activity affect land pollution? (3marks)
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- 5a. How can hazardous wastes affect the air (2marks)

- 5b. List the sources of hazardous wastes (4marks)
- 5c. What is domestic waste? (2marks)
- 5d. Disposal control of hazardous waste is done by? (4marks)
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- 6a. State briefly the classification of pollutants (2marks)
- 6b. Define the types of recycling (2marks)
- 6c. Write briefly on municipal water pollution (2marks)
- 6d. Effects of marine debris include? (2marks)
- 6e Effect of acidification of surface water include? **(4marks)**