



National Open University of Nigeria
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Science
APRIL/MAY, 2019 EXAMINATIONS

COURSE CODE: ESM 431

COURSE TITLE: ENVIRONMENTAL HEALTH AND SAFETY.

CREDIT: 2 Units

TIME ALLOWED: 2 Hours

Instruction: Attempt question number ONE (1) and any other THREE (3) questions

1.
 - i. Briefly comment on Global Warming and Climate change as important elements in Environmental studies **(6marks)**
 - ii. Define Environmental Management Systems **(3marks)**
 - iii. List ANY four factors that may affect Environmental Impact Assessment. **(4marks)**
 - iv. What are the uses of Environmental Audit? **(3 marks)**
 - v. What are Objective Probabilities and how are they different from Subjective Probabilities in Risk Management of Environmental Systems? **(6marks)**
 - vi. What is Cleaner Technology? **(3marks)**
2.
 - a. What is Environmental law Legislation? Discuss the controls that may be achieved with the Laws. **(9marks)**
 - b. Using three factors, distinguish between Environmental Impact Assessment and Strategic Environmental Assessment. **(6marks)**
3.
 - a. Highlight any four categories of Environmental aspects **(8marks)**
 - b. How is Planning an important element in Environmental Management Systems? **(7marks)**
4.
 - a. Comment on any four elements of Environmental Audit Report. **(4marks)**
 - b. What is 'Sustainable Development'? **(2marks)**
 - c. Discuss any two categories to which accidents may be classified. **(4marks)**
 - d. List general principles of First Aid **(5marks)**
5.
 - a. What are the objectives of Occupational Health and Safety Management System? **(5marks)**
 - b. List any four benefits of Cleaner Technologies in Environmental Management. **(5marks)**
 - c. Explain fire extinguishing techniques **(5marks)**