



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, National Azikiwe Expressway, Jabi-Abuja
FACULTY OF HEALTH SCIENCES
(Department of Environmental Health Science)
2021_2 EXAMINATION

Course Code: EHS 411

Course Title: ENVIRONMENTAL TOXICOLOGY

Course Unit: 2 Credit Units

Time Allowed: 1 ½ Hours

Total Score: 70 Marks

Instruction: Answer ALL the Questions

Question 1

- | | |
|--|----------|
| (a) Classify toxicants under the following: | 5 marks |
| i. Target sites | |
| ii. Sources of poison | 10 marks |
| (b) List the 3 global ways of classifying toxicants | 3 marks |
| (c) Classify toxicants based on the public health importance | 9 marks |

Question 2

- | | |
|--|----------|
| (a) List 3 mechanisms of drugs interaction and explain any one | 6 marks |
| (b) Discuss pesticides classification under the following: | 12 marks |
| i. Primary benefits | |
| ii. Secondary benefits | |
| (c) What are heavy metals? | 5 marks |

Question 3

- | | |
|---|---------|
| (a) Describe the factors that affect the pathophysiology of toxicity in aquatic environment. | 8 marks |
| (b) Define half-life and state 3 examples of elements with their half-life time | 8 marks |
| (c) Write short notes each on 3 primary and secondary pollutants produced by human activities | 4 marks |