



TECHNICAL UNIVERSITY OF MOMBASA

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**FACULTY OF APPLIED AND HEALTH SCIENCES.**  
**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR DIPLOMA IN ENVIRONMENTAL SCIENCE.**  
**AES 2208 : ENVIRONMENTAL TOXICOLOGY SUPP/SPECIAL EXAMS**  
**SERIES: AUGUST 2019.**  
**TIME: 2HRS.**

**Instructions to Candidates**

You should have the following for this examination -*Answer Booklet, examination pass and student ID*

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

**Do not write on the question paper.**

**Question ONE (30 mks) compulsory**

1a). Define the following terminologies as used in Environmental Toxicology. (10mks)

- i). Toxicant
- ii). Toxicology
- iii). Regulatory toxicology.
- iv). Risk Assessment
- v). Route of Exposure

b). List any five types of poison (5mks)

c). Highlight 5 types of environmental hazards (5mks)

d) Enumerate on the possible routes to environmental Exposure. (5mks).

e) List the first aid tips for a serious case of poison in human. (5mks).

**SECTION B.**

2). Write notes on the following sub-headings. (15mks)

- i). Descriptive Toxicology
- ii). Sensitive sub- population
- iii). Dose Response.
- iv). Forensic Toxicology.

v). Mechanistic Toxicology.

- 3). Discuss the most dangerous food toxins in the world Today.(15mks)
- 4). Discuss the common types of toxicants.