



TECHNICAL UNIVERSITY OF MOMBASA

**FACULTY OF APPLIED AND HEALTH SCIENCES.
DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DIPLOMA IN ENVIRONMENTAL SCIENCE.
AES 2208 ENVIRONMENTAL TOXICOLOGY
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

Q1a). Define the following terminologies as used in Environmental toxicology.(10mks)

- i) Toxicology
- ii) Toxicant
- iii) Poison.
- iv) Selective toxicity.
- v) Sensitive Sub Population.

b). List the common deadly chemical substances to human life (5mks).

c).State the functions of toxicology performed by toxicologists (5mks).

d). Enumerate on the adverse effects of pesticides on environment (5mks).

e). Highlight the main routes of environmental exposure. (5mks).

SECTION B.

2). Describe five branches of Toxicology as a discipline (15mks)

3). Explain clearly the strategies for reducing human life to Environmental Toxins (15mks).

4). Discuss possible ways of reducing Toxins in human life (15mks)

5). Pollution is the Introduction of foreign toxic substances into the Atmosphere. Discuss this statement on how pollution is a source of toxicant in the Environment (15mks).

