



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

**BACHELOR OF TECHNOLOGY IN RENEWABLE ENERGY AND
ENVIRONMENTAL**

AES 4343 : ENVIRONMENTAL WASTE MANAGEMENT

TECHNOLOGY (BTRE)

END OF SEMESTER EXAMINATION

SERIES: APRIL 2016

TIME: 2 HOURS

DATE: Pick Date Select Month 2016

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

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

Do not write on the question paper.

Question ONE

(i) Define the following terms as used in waste management.

- a. Rubbish
- b. Garbage
- c. Litter
- d. Environment
- e. Waste

(10 marks)

(ii) (a) Briefly describe the types of Environments
5 marks

(b) Describe some five toxins in Electronic waste.
5marks

(c) Differentiate between, Biological with Chemical waste
(5 marks)

(iii) (a) Mention five waste disposal methods
3marks

(b) List all possible channels used to transport waste.
2marks

Question TWO

Treatment of waste is one criteria used in waste management. Discuss fully 3 methods of waste treatment.
20 marks

Question THREE

There are different types of wastes as regard to waste management. Discuss fully Domestic wastes highlighting collection methods and facilities used. 20 marks

Question FOUR

Radioactive wastes are some of the very dangerous wastes to be handled in waste management. Discuss this fully and show its control measures.
(20 marks)

Question FIVE

Disposal of wastes is a very important factor in a good management. Discuss this describing Crude damping and show its merits and demerits.
20 marks