



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
FOURTH YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF SCIENCE IN ENVIRONMENTAL
STUDIES (BIOLOGY AND HEALTH)**

COURSE CODE: EBH 403

**COURSE TITLE: ENVIRONMENTAL HEALTH
TECHNOLOGIES**

DATE: 17TH APRIL, 2018

TIME: 0830 - 1030HRS

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

This paper consists of 2 printed pages. Please turn over

SECTION A: (25 marks): Answer **ALL** questions in section A

1. Briefly discuss environmental pollution (5Marks)
2. Illustrate five human impact on environmental quality (5Marks)
3. List five (5) environmental technologies used to reduce negative health effects associated with pollution (5Marks)
4. List down five steps involved in waste management (5marks)
5. What are the benefits of decomposition by micro-organisms in waste management (5mark)

SECTION B: (45marks): Answer any other **THREE** in section B.

- 6.a). Briefly discuss environmental pollution (5Marks)
- b). Discuss health effects associated with environmental pollution (10marks)
- 7.a). Discuss on the 3Rs application in waste management (12marks)
- b). list down the three (3) waste management hierarchy (3marks)
8. Discuss the various steps/stages used in waste water purification (15marks)
- 9.a). Briefly describe evolution of environmental technology (10Marks)
- b). Describe advantages of waste management (5marks)

END//