



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
THIRD YEAR FIRST SEMESTER**

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

COURSE CODE: EBH 3118

COURSE TITLE: WATER, HEALTH & SANITATION

DATE: 4TH DECEMBER 2018

TIME: 8:30 AM – 10:30 AM

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 water problems that Kenya is facing to supply clean water to its population **(5Marks)**
2. List down five physical and chemical properties of water **(5Marks)**
3. What is self cleansing capacity of water **(5Marks)**
4. Outline reason for water treatment **(5marks)**
5. List five factors Affecting Self Purification **(5marks)**

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

- 6 a). Discuss effects of water pollution water **(10Marks)**
b). Illustrate five characteristics of polluted water **(5marks)**
7. Discuss strategies employed to enhance provision of sustainable water supply and sanitation services. **(15Marks)**
8. a). Describe water monitoring **(3 marks)**
b). Discuss reasons that exist in monitoring water quality **(12marks)**
9. List and discuss key water resource management challenges in Kenya **(15Marks)**

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