



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 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 301
COURSE TITLE: ENVIRONMENT, HEALTH,
FOOD AND NUTRITION**

DATE: 25TH APRIL, 2018

TIME: 0830 – 1030AM

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

- Qn 1. List down five effects of chemical fertilizer (5marks)
- Qn 2. Describe principles of crop rotation (5marks)
- Qn. 3. Explain disadvantages of mono cropping (5marks)
- Qn. 4. Briefly discuss on iodine deficiency (5marks)
- Qn.5. list down classification of essential trace elements (5marks)

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

- Qn.6. a).Discuss on the factors that may lead to contamination of produce during irrigation (12marks)
- b). list some of the commonly used irrigation systems in farming (3marks)
- Qn . 7. Discuss health effects associated with exposure to chemical residual and toxins (15marks)
- Qn. 8. a). Discuss the importance of zinc in human health (10marks)
- b). what are the health impact of zinc toxicity (5marks)
- Qn. 9. Discuss on the effects of chemical fertilizers (15marks)

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