



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER**

**SCHOOL OF NATURAL RESOURCES,
HOSPITALITY AND TOURISM MANAGEMENT
BACHELOR OF ENVIRONMENTAL SCIENCE
(BIOLOGY & HEALTH)**

COURSE CODE: EBH 4242

**COURSE TITLE: ENVIRONMENTAL HAZARDS
AND DISASTER MANAGEMENT**

DATE: 4TH OCTOBER, 2021

TIME: 1100 – 1300HRS

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:

- Q1. List three examples of biological disasters (3Marks)
- Q 2. Differentiate between magnitude and intensity of an earthquake (2 Marks)
- Q 3. Explain the characteristics of a cyclone (6 Marks)
- Q 4. State the components of a disaster preparedness mechanism (4 Marks)
- Q 5. List the parameters of lightening severity (4 Marks)
- Q 6. Explain the mitigation measures taken by the Kenyan Government to fight the COVID-19 pandemic (6 Marks)

SECTION B:

- Q 7. Discuss the vulnerability factors to droughts in Kenya (15 Marks)
- Q 8. Using suitable examples, discuss land use practices as a risk reduction measure for landslide disaster (15 Marks)
- Q 9. Discuss the adverse effects of the recent earthquake in Haiti (15 Marks)
- Q 10. Discuss the Code of Conduct that guards the standard of behavior in disaster response in Kenya (15 Marks)

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