



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2018/2019 ACADEMIC YEAR  
FOURTH YEAR SECOND SEMESTER**

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

**COURSE CODE: SES 415**

**COURSE TITLE: ENVIRONMENTAL HAZARDS**

**DATE: 15<sup>TH</sup> APRIL 2019**

**TIME: 11.00AM -1.00PM**

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**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: ANSWER ALL QUESTIONS (25MKS)**

1. Differentiate between disasters and hazards (2MKS)
2. List the legislations which support disaster risk reduction activities in Kenya (3MKS)
3. Explain the different types of drought experienced in Kenya (6MKS)
4. Briefly explain the classification of disasters (6MKS)
5. List the parameters of earthquake severity (4MKS)
6. Explain the causes of tsunamis (4MKS)

**SECTION B: ANSWER ANY THREE QUESTIONS (45MKS)**

7. Describe the steps of integrating disaster risk concerns into environmental assessment (15MKS)
8. Using examples, discuss the factors affecting human vulnerability to hazards in Kenya (15MKS)
9. Discuss the components of a disaster preparedness mechanism (15MKS)
10. Discuss the social and economic impacts of floods in Kenya (15MKS)

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