



## **MASENO UNIVERSITY**

### **UNIVERSITY EXAMINATIONS 2015/2016**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF  
BACHELOR OF ARTS IN DISASTER MANAGEMENT WITH  
INFORMATION TECHNOLOGY**

### **CITY CAMPUS - REGULAR**

**PDM 112: INTRODUCTION TO HAZARDS AND DISASTERS**

Date: 4<sup>th</sup> December, 2015

Time: 2.00 - 4.00 pm

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#### **INSTRUCTIONS:**

- Answer question ONE and any other TWO questions.



## PDM 112: INTRODUCTION TO HAZARDS AND DISASTERS

Answer **three** questions. Question **ONE** is Compulsory

Maps and should be used whenever appropriate

1. a) Using local examples explain the following terms:
    - i) Vulnerability 3 marks
    - ii). Risk 3 marks
    - iii). Hazard 3marks
    - iv). Disaster 3 marks
  - b) Discuss the types of hazards caused by earthquakes 8 marks
  - c) Explain three anthropogenic causes of droughts in Kenya 6 marks
  - d) Describe two risk reduction measures for tsunamis along Kenyan coast 4 marks
2. a). Explain the types of hazards likely to affect people living on the slopes of Mount Kenya 10 marks
  - b). Discuss the mitigations measures Kenyan government would undertake in reducing the impacts of the hazards in (a) 10 marks
3. Discuss five methods of reducing risks to climate change in Kenya 20 marks
4. Discuss a management plan that can be used in reducing vulnerability to terrorism in Maseno University 20 marks
5. Wild fires are experienced in Kenya occasionally
    - a) Describe the causes 5 marks
    - b) Explain the mitigation measures 5 marks
    - d) Describe the challenges in managing the fires 10 marks
6. a) Describe three man made hazards found in the informal settlements Kisumu 10 marks
  - b) Discuss four mitigation measures Kisumu County can use in minimizing the effects of these hazards 10 marks