



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2013/2014**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE DEGREE  
OF BACHELOR OF ARTS IN DISASTER MANAGEMENT WITH  
INFORMATION TECHNOLOGY  
(MAIN CAMPUS)**

**PDM 112: HAZARDS AND DISASTER MANAGEMENT**

*Date: 22<sup>nd</sup> November, 2013*

*Time: 8.30 - 10.30am*

---

**INSTRUCTIONS:**

- Answer QUESTION ONE and any other TWO QUESTIONS
- Sketch Maps and diagrams should be used whenever appropriate.

**PDM 112 HAZARDS AND DISASTER MANAGEMENT (Main campus)**

**Answer question ONE and any other two**

**Sketch maps and diagrams should be used whenever appropriate**

1. a) Describe any four factors to consider in flood management (8 marks)
- b) Discuss the methods of mitigating earthquakes (8 marks)
- c) Explain why trends of disaster increase over time (6 marks)
- d) Using suitable examples briefly discuss the disaster management cycle. (10 marks)
2. a) Discuss the causes and effects of global warming (20 marks)
3. a) Examine the ways in which droughts differ from other natural disasters (10 marks)
- b) Explain mitigation measures you would put in place for addressing droughts (10 marks)
4. a) Describe the relationship between disaster and development (10 marks)
- b) Suggest five risk reduction measures that can be taken up to prevent severe damage from tsunamis (10 marks)
5. Analyze the roles of community in protecting deforestation (20 marks)
6. With reference to Kenya explain the strategies in reducing the impacts of disasters (20 marks)