

**MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**P.O. Box 972-60200 – Meru-Kenya.**

**Tel: 020-2069349, 061-2309217. 064-30320 Cell phone: +254 712524293, +254 789151411**

**Fax: 064-30321**

**Website:** [**www.mucst.ac.ke**](http://www.mucst.ac.ke) **Email:** [**info@mucst.ac.ke**](mailto:info@mucst.ac.ke)

**University Examinations 2014/2015**

THIRD YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN PUBLIC HEALTH

**HPP 3325: DISASTER PREPAREDNESS AND MANAGEMENT**

**DATE: DECEMBER 2014 TIME: 2 HOURS**

**INSTRUCTIONS:** *Answer question* ***one*** *and any other* ***two*** *questions*

**SECTION ONE**

**QUESTION ONE**

1. Define the following terminologies as they are applied in disaster management
2. Risk Management (2 marks)
3. Preparedness (2 marks)
4. Trauma (2 marks)
5. Mitigation (2 marks)
6. Vulnerability (2 marks)
7. Describe the three categories of triage in a disaster scene (12 marks)
8. Describe the components of disaster risk management (8 marks)

**SECTION TWO**

**QUESTION TWO**

Kenya has occasionally experienced terrorist attacks of severe magnitudes, citing one example describe the most effective measures that can be employed by disaster managers to address the problem. (20 marks)

**QUESTION THREE**

Explain why and how the following environmental hazards degenerate into disasters in the developing countries and prescribe mitigation measures against them. (20 marks)

1. Flood
2. Drought
3. Earthquakes
4. Tsunami

**QUESTION FOUR**

Explain the role of a Public Health Professional in management of disasters emanating from siphoning of fuel tankers involved in traffic road accidents in Kenya (20 marks)