



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2016/2017**

**FIRST YEAR SEMESTER EXAMINATIONS**  
**FOR THE DEGREE OF MASTER OF PUBLIC HEALTH**  
**IN EPIDEMIOLOGY AND POPULATION HEALTH**

**CITY AND HOMABAY CAMPUSES**

**PHD 820: PRINCIPLES OF DISASTER MANAGEMENT AND PLANNING**

Date: 3<sup>rd</sup> July, 2017

Time: 2.00 - 5.00pm

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**INSTRUCTIONS:**

- Answer ALL Questions in section A and Question ONE and any other TWO in section B.
- Read very carefully the additional instructions preceding each section
- Observe carefully further instructions on the cover of answer booklets



**SECTION A: SHORT ANSWER QUESTIONS (SAQs) (60 Minutes)**

**INSTRUCTIONS:**

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1) Answer all the **FOUR (4)** Questions in this section

**SAQ. 1.**

1. Define the following terms: **(5marks)**
  - a. Mitigation
  - b. Disaster
  - c. Vulnerability
  - d. Risk
  - e. Hazard
2. Describe **FIVE (5)** overall aims of disaster response **(5marks)**
3. Describe the Triage categories as used in disaster management **(5marks)**
4. Describe the disaster management cycle **(5marks)**

**SECTION B:**  
**LONG ESSAY QUESTIONS (LEQs) (120 Minutes)**

**INSTRUCTIONS:**

1. There are **FOUR (4)** Questions in this Section
2. Answer **Question 1 COMPULSORY** and Any other **TWO (2)** question

**LEQ 1**

During the preparedness phase, governments, organizations, and individuals develop plans to save lives, minimize disaster damage, and enhance disaster response operations. Discuss **TEN (10)** preparedness measures in such phase. **(20marks)**

**LEQ 2**

Discuss the types of natural and non-natural disasters **(10marks)**

**LEQ 3**

Discuss **TEN (10)** typical disaster response activities during disaster management **(10marks)**

**LEQ 4**

Discuss **TEN (10)** contributing factors to community vulnerability to hazards **(10marks)**