



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

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE  
DEGREE OF MASTER OF PUBLIC HEALTH  
(CITY CAMPUS)**

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

Date: 24<sup>th</sup> April, 2014

Time: 9.00 - 12.00 noon

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**GENERAL INSTRUCTIONS**

1. Write your University Registration Number on every booklet that you use.
  2. Do not write your name on any papers you use.
  3. The Questions are set out in Two (2) Sections, A and B
  4. Section A has FIVE (5) Short Answer Questions (SAQs) to be answered in (90) minutes,
  5. Section B has FIVE (5) Long Essay Questions (LEQs) to be answered in (90) Minutes.
  6. The time allowed for this Paper is Three (3) hours.
  7. 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) (90 Minutes)**

**INSTRUCTIONS:**

- 1) **Answer all the FIVE (5) Questions in this section**

**SAQ. 1.**

1. Define the following terms: **(6marks)**
- a. Hazard
  - b. Mitigation
  - c. Disaster
  - d. Vulnerability
  - e. Risk
  - f. Humanitarian
2. Distinguish between an emergency and a disaster situation **(4marks)**
3. Identify and describe the types of natural and non-natural disasters **(10marks)**
4. Describe the Triage categories as used in disaster management **(10marks)**
5. List five possible achievements that can be attained if development policies are adequate and aimed at sustaining development to counteract the effect of disasters? **(10marks).**

**SECTION B:**  
**LONG ESSAY QUESTIONS (LEQs) (90 Minutes)**

**INSTRUCTIONS:**

1. There are **FIVE (5)** Questions in this Section
2. Answer **Question 1 COMPULSORY** and Any other **THREE (3)** question

**LEQ 1**

Discuss **TWELVE (12)** typical disaster response activities during disaster management **(30marks)**

**LEQ 2**

With the help of a diagram, explain the disaster management cycle **(10marks)**

**LEQ 3**

Discuss the structure of Emergency Operational Plan (EOP) **(10marks)**

**LEQ 4**

Discuss factors to take into consideration when establishing ration levels according to WFP/ONHCR guidelines for food and nutritional needs in emergencies **(10marks)**

**LEQ 5**

List and describe the main hazards to which your region is, or may be, vulnerable **(10marks)**