



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE DEGREE OF MASTER OF SCIENCE IN PUBLIC HEALTH

CITY CAMPUS

PHD 820: PRINCIPLES OF DISASTER MANAGEMENT AND PLANNING

Date: 5th May, 2016

Time: 2.00 - 5.00 pm

INSTRUCTIONS:

- Write your University Registration Number on every Answer Booklet you use.
- Do not write your name on any paper you use.
- The time allowed for this paper is TWO (3) hours.
- The questions are set out in TWO (2) sections, A and B.
- Read 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:

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

SAQ. 1.

1. Define the following terms: **(5marks)**
 - a. Mitigation
 - b. Risk
 - c. Hazard
 - d. Disaster
 - e. Vulnerability
2. Describe the disaster management cycle **(5marks)**
3. Describe **FIVE (5)** overall aims of disaster response **(5marks)**
4. Describe the Triage categories as used in disaster management **(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. Using an appropriate case, discuss **TEN (10)** preparedness measures in such phase. **(20marks)**

LEQ 2

Identify a possible disaster in your region and prepare an Emergency Operation Plan (EOP) that can be established to set out the scope of activities required for community preparedness and response.

LEQ 3

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

LEQ 4

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

