



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

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

CITY CAMPUS

**PHE 820: CONTROL OF COMMUNICABLE AND NON
COMMUNICABLE DISEASES**

Date: 3rd May, 2016

Time: 9.00 - 12.00 noon

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) (90 Minutes)

INSTRUCTIONS:

- 1) There are **Six (6)** Questions in this Section. Each question has 5 marks.
 - 2) **Answer All the six (6) Questions**
 - 3) All questions in this section must be answered in the question paper.
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SAQ. 1. Mention five (5) agents that cause infectious diseases in Man

SAQ 2. Define the term "Inapparent Infection".

SAQ 3. Define the term "Generation Time"

SAQ 4. Briefly describe the two measures that are included in Disability Adjusted Life Years (DALYs)?

SAQ 5. State two possible reasons why the frequencies of certain cancers increase with age.

SAQ 6. State and briefly explain one programme that is commonly used in primary prevention of Sexually transmitted diseases and HIV/AIDS.

SECTION B

LONG ESSAY QUESTIONS (LEQs) (90 MINUTES) (30 MARKS)

INSTRUCTIONS:

1. There are **Four (4)** Questions in this Section
 2. Answer **Question 1** and Any other **two (2)** question
 3. Each question is allocated **Thirty (30)** minutes
 4. Answer the questions in the booklet provided.
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LEQ 1. (a) Discuss four principles that can be applied in control of tobacco use.

(b) Discuss Haddon Matrix and its application in public health intervention

LEQ 2. Discuss three major methods used in the control of soil transmitted Hookworm.

LEQ 3. (a) Describe three control measures that can be employed in control of sexually transmitted infections in Man

(b) Discuss four major public health issues in control of Sexually Transmitted Infections.

LEQ 4. Discuss four types of interventions for cancer control.