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**University Examinations 2015/2016**

SECOND YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE

OF BACHELOR OF SCIENCE IN

PUBLIC HEALTH

**HPC 3200: FUNDAMENTALS OF PUBLIC HEALTH**

**DATE: NOVEMBER 2015 TIME: 3 HOURS**

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

**QUESTION ONE (30 MARKS)**

1. Define the community as a place, social system and a collection of people (6 marks)

2. Explain three functions of public health officers in a community setting (6marks)

3. Discuss three roles of the government in public health (6marks)

4. Explain the difference between public Health professionals and clinical

Professionals (6marks)

5. Explain the importance of:-

a) Public Health policies

b) Public Health strategic plan

**QUESTION TWO (20 MARKS)**

2. The Public Health act is a crucial legislation, Descibe the roles of the public health in

regard to :-

1. Notification of infectious disease (10 marks)
2. Prevention and suppression of infectious disease (10 marks)

**QUESTION THREE (20 MARKS)**

Public Health programs are key in ensuring a healthy population

1. Differentiate between vertical and Horizontal public health programs (10 marks)
2. Discuss the advantages and disadvantages of vertical health programs (10 marks)

**QUESTION FOUR (20 MARKS)**

Describe any five public health financing mechanisms/options that are sustainable

In Kenya (20 marks)