**MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**P.O. Box 972-60200 – Meru-Kenya.**

**Tel: 020-2069349, 061-2309217. 064-30320 Cell phone: +254 712524293, +254 789151411**

**Fax: 064-30321**

**Website:** [**www.must.ac.ke**](http://www.must.ac.ke) **Email:** **info@mucst.ac.ke**

**University Examinations 2015/2016**

SECOND YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN PUBLIC HEALTH

**HPP 3200: FUNDAMENTALS OF PUBLIC HEALTH**

 **DATE: NOVEMBER 2015 TIME: 2 HOURS**

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

**QUESTION ONE (30 MARKS)**

1. Define the community as a place, social system and collection of people. (6 Marks)
2. Explain three functions of Public Health Officers in a community setting. (6 Marks)
3. Discuss three roles of the government in Public Health. (6 Marks)
4. Explain the differences between Public Health professionals and clinical professionals. (6 Marks)
5. Explain the importance of:
6. Public health policies. (3 Marks)
7. Public health strategic plans. (3 Marks)

**QUESTION TWO (20 MARKS)**

The Public Health Act is a crucial legislation. Describe the roles of Public Health Officers in regard to:

1. Notification of infectious diseases. (10 Marks)
2. Prevention and suppression of infectious diseases. (10 Marks)

**QUESTION THREE (20 MARKS)**

Public Health programs are key in ensuring a healthy population.

1. Differentiate vertical and horizontal Public Health programs. (10 Marks)
2. Discuss the advantages and disadvantages of vertical programs. (10 Marks)

**QUESTION FOUR (20 MARKS)**

Describe any five public health financing mechanisms/options that are sustainable in Kenya. (20 Marks)