

**W1-2-60-1-6**

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

# **UNIVERSITY EXAMINATIONS 2016/2017**

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

**TPH 3116 : CONTROL AND PREVENTION OF NON-COMMUNICABLE AND COMMUNICABLE DISEASES**

**DATE: APRIL 2017 TIME: 3 HOURS**

**INSTRUCTIONS:**

**ANSWER ALL QUESTIONS IN SECTION ONE AND ANY OTHER ONE QUESTION IN SECTION TWO**

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**SECTION ONE [ ANSWER ALL QUESTIONS IN THIS SECTION]**

**QUESTION ONE**

1. Helminthes can be acquired through trauma or the feet soles. Which other three ways could facilitate their entry into human today? [6 marks]
2. Bacteria cause various illness that are preventable . State four ways by which this prevention can be achieved. [6 marks]
3. Explain the following terms as used in public health
4. Active prophylaxis [2 marks]
5. Attenuated vaccine [2 marks]
6. Metastatic cancer [2 marks]
7. There are several risks factors associated with respiratory failure. Describe any six of them. [6 marks]
8. Briefly discuss six ways in which lifestyle change could help prevent HIV/AIDS incidences. [6 marks]
9. Differentiate taeniasis from filariasis diseases [6 marks]
10. Explain any three signs that could indicate presence of a mental disorder [6 marks]
11. Make short notes on ‘diabetes mellitus’ [6 marks]

**SECTION II [ CHOOSE ANY ONE QUESTION FROM THIS SECTION]**

**QUESTION TWO**

1. Discuss any four categories of cancer outlining the features that differentiate each from the other than the general prevention strategies of cancer. [22 marks]
2. As a public health officer, write some notes that you could use in addressing an health awareness campaign featuring ‘transmission and control of malaria’. [22 marks]
3. Discuss the cause, signs, symptoms and prevention of viral hemorrhagic fevers (VHFS). [22 marks]