



# KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF PUBLIC  
HEALTH (MPH)

**HPH 716: INFECTIOUS DISEASE DYNAMICS**

DATE: WEDNESDAY, 4<sup>TH</sup> APRIL 2012

TIME: 9.00 A.M -12.00 NOON

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**INSTRUCTIONS:**

Answer question **ONE** and any other **THREE** questions.

1. Nutrition and infections are closely linked. Using HIV/ AIDS as an example, discuss this link. [ 50 marks]
2. Discuss the various types of immunoglobulins and the functions of each type in the body. [ 30 marks]
3. Compare and contrast innate and acquired immunity. [ 30 marks]
4. Explain the major ways in which micro- organisms can avoid being killed by the body's defense systems. [ 30 marks]
5. Giving examples, describe emerging, re-emerging and zoonotic diseases. [ 30 marks]