



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

INSTITUTION BASED PROGRAMME (DECEMBER SESSION)

EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

HEH 213: CONTROL OF COMMUNICABLE DISEASES

DATE: WEDNESDAY, 2ND MAY, 2012

TIME: 8.00 A.M. – 10.00 A.M.

INSTRUCTIONS: ANSWER ALL QUESTIONS IN SECTION A AND ANY TWO QUESTIONS IN SECTION B.

SECTION A (40 MARKS): ANSWER ALL QUESTIONS IN THIS SECTION

1. Define the following terms as used in communicable diseases (5 marks)
 - (a) A communicable disease
 - (b) A carrier
 - (c) An agent
 - (d) A host
 - (e) Surveillance
2. Describe characteristics of an effective vaccine(4 marks)
3. Briefly describe sexual activity as a mode of HIV/ AIDS transmission (6 marks)
4. Yellow fever case has been confirmed in your health facility. Describe at least 4 control and preventive measures that you will be put in place to avoid further spread of the disease (4 marks)
5. A study revealed an epidemic of typhoid fever in a given a community. Highlight at least measures that will prevent and control typhoid fever in that community (6 marks)
6. Describe the various stages of syphilis disease (7 marks)
7. The long rainy season is approaching which is associated with high prevalence of malaria. Describe the information that should be in your speech as you prepare to address a community during the malaria campaign period (8 marks)

SECTION B: Answer any one question in this section

8. Suppose you were the DMOH (District Medical Office of Health), describe how you would systematically investigate cholera outbreak. What measures would you institute to control transmission of the disease (15 marks)
9. Select an infectious disease and describe how its surveillance can be carried out (15 marks)
10. Discuss the epidemiology of tuberculosis and outline its preventive measures (15 marks)
