



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (FOODS, NUTRITION & DIETETICS)

HFN 206: COMMUNICABLE DISEASES

DATE: WEDNESDAY, 6TH APRIL 2011

TIME: 4.30 P.M. - 6.30 P.M.

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. Explain any five contributing factors to the re-emergency of tuberculosis. (5 marks)
2. Briefly explain any five characteristics of an infectious agent. (5 marks)
3. List any two vectors that transmit protozoan infections. (2 marks)
4. Outline any three emerging communicable diseases that are a threat to public health. (3 marks)
5. Diseases do not arise from a vacuum but instead are as a result of interaction of so many factors. Illustrate this statement using an epidemiological triad (5 marks)
6. Describe briefly any five challenges that hinder effective preventive campaigns against communicable diseases. (5 marks)
7. Explain any five factors that contribute to the jigger menace in some parts of Kenya. (5 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

8. Urban slums are a common feature of most developing countries. Discuss ten ways in which urban slums contribute to the spread of communicable diseases. (20 marks)
9. Using suitable examples discuss ten strategies that can be applied when developing a preventive/control program for communicable diseases in Kenya. (20 marks)
10. With reference to measles describe:
 - a) Transmission (3 marks)
 - b) Why fatality rates are high in Africa (3 marks)
 - c) Clinical picture (5 marks)
 - d) Management (5 marks)
 - e) Prevention and control (4 marks)