



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2011/2012
SECOND SEMESTER EXAMINATION FOR THE DEGREE OF SCIENCE IN FOODS
NUTRITION AND DIETETICS
HFN 206: COMMUNICABLE DISEASES

DATE: Friday 30th March, 2012

TIME: 11.00 a.m. – 1.00 p.m.

INSTRUCTIONS: *Answer question 1 and any other 2 questions.*

1.
 - a) Briefly describe 4 diseases associated with mosquitoes. [4 marks]
 - b) Elucidate 4 ways in which religion fuel to the spread of communicable diseases. [4 marks]
 - c) Draw and explain the epidemiological diseases triad. [6 marks]
 - d) Explain any 4 ways in which lice infestations can be minimized in schools. [4 marks]
 - e) Describe 4 benefits of voluntary male medical circumcision in prevention of STIs. [4 marks]
 - f) In the context of oral-feecal diseases explain the 4-F connection. [4 marks]
 - g) Describe any 4 factors that determine the characteristics of an agent. [4 marks]
2. The community health worker (CHW) of Shika Adabu area has observed that most people in the neighborhood are infested with jiggers. Discuss with the CHW.
 - a) How to remove the jiggers safely at individual level. [10 marks]
 - b) 3 ways of preventing jiggers at community level. [6 marks]
 - c) List 4 diseases associated with crude/traditional removal of jiggers. [4 marks]
3. Tuberculosis is a re-emerging disease partly due to the HIV pandemic. Discuss this disease under the following sub-titles:
 - a) Causal organism [1 marks]
 - b) Mode of transmission [2 marks]
 - c) Any 3 risk factors [6 marks]
 - d) Signs and symptoms [4 marks]
 - e) Preventive measures [5 marks]
 - f) Treatment [2 marks]
4. Describe ten vectors that can transmit food borne infections. [20 marks]
5. Urban slums are a common feature of most developing countries. Discuss 10 ways in which urban slums contribute to the spread of communicable diseases. [20 marks]

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