



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2008/2009

**SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE (ENVIRONMENTAL HEALTH)
HEH 109: FOOD SANITATION AND SAFETY**

DATE: FRIDAY 3RD APRIL, 2009

TIME: 11.00 A.M. – 1.00 P.M.

INSTRUCTIONS:

Answer **ALL** questions in section I.

Answer question ONE (1) and any other TWO questions in Section II.

SECTION I:

Answer **ALL** the questions. Each question is 3 marks.

1. Explain how toxic agents are identified depending on the incubation period of the food borne illness. (3 marks)
2. Describe the manifestation of the Rift Valley Fever (RVF) virus in the human host. (3 marks)
3. Describe the conditions that reduce survival of micro-organisms in the human body (3 marks)
4. Describe three food borne parasites and their effects on human health. (3 marks)
5. Outline the importance of probiotics in food industries and to human health.(3 marks)

SECTION II

Answer question ONE (1) and any other TWO questions. Question ONE (1) is 25 marks and others are 15 marks each.

1. Identify five key agencies and discuss the roles they play in ensuring food sanitation and safety in Kenya. (25 marks)
2. Describe in details three acts that regulate food sanitation and safety in Kenya. (15 marks)
3. Discuss reasons for proper refuse disposal in relation to food sanitation and safety. (15 marks)
4. Describe how to identify bacteria in terms of their morphology. (15 marks)
5. Describe five methods of food processing, and reasons and principles behind each. (15 marks)
