



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2008/2009 SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (FOODS, NUTRITION AND DIETETICS) (MAIN CAMPUS)

HFN 323: NUTRITION AND HIV/AIDS

DATE: Thursday 10th September, 2009

TIME: 8.00 a.m -10.00 a.m

INSTRUCTIONS: Attempt ALL questions.

1. Differentiate between the following. [10 marks]
 - a) Viral load and viral burden.
 - b) Opportunistic infections and infections.
 - c) CD4 cells and white blood cells.
 - d) HIV and: AIDS.
 - e) Symptomatic and Asymptomatic stages of HIV infection.
2. a) Illustrate the relationship between good nutrition and resistance to infections in the context of HIV / AIDS. [8 marks]
3. a) State five purpose of protein in the context of HIV/ AIDS. [5 marks]
b) Explain energy requirement HIV infected persons at both symptomatic and asymptomatic stages. [5 marks]
4. a) State and explain two feeding options of infant born to HIV infected mothers. [5 marks]
b) State four unacceptable options for replacement feeding. [4 marks]
5. a) State six elements to consider when planning meals for PLWHS. [4 marks]
b) Explain for steps to consider when planning meals for PLWHA. [4 marks]
6. a) State three dietary management of diarrhea and its three care practices. [6 marks]
b) State four foods to avoid during diarrhea episodes. [4 marks]
7. a) State an describe four elements of food security in the context of HIV/ AIDS. [8 marks]
b) Define food security. [2 marks]

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