



KENYATTA UNIVERSITY
SECOND SEMESTER EXAMINATIONS 2008/2009
UNIVERSITY EXAMINATIONS FOR DEGREE OF MASTER OF SCIENCE
(FOODS, NUTRITION AND DIETETICS)

HFN 517: NUTRITION AND HIV AND AIDS

DATE: Tuesday 21st April 2009

TIME: 9.00am-12.00 Noon

INSTRUCTIONS

Answer all questions in section one and any other two questions in section two in the answer booklet provided.

SECTION ONE

1. a) Discuss nutritional challenges in the context of HIV/AIDS.
[15marks]
- b) Explain five major roles of dietary management of AIDS related
 symptoms. [5marks]
2. a) State FOUR purposes of nutritional care and support for the infants
 infected with HIV. [4marks]
- b) Explain THREE elements considered in planning meals for PLWHAs.
[6marks]
3. a) Illustrate the relationship between good nutrition and resistance to
 infection among PLWHAs [8marks]

- b) Explain one main reason for additional energy needs for HIV infected adult. [2marks]

SECTION TWO: Answer any two questions of your choice from this section.

1.
 - a) State Three ways in which modern medication affect health and nutritional status of PLWHAs [3marks]
 - b) Zidovudine is an antiretroviral commonly used during pregnancy to prevent MCTC of HIV indicate its three major side effects and one major nutritional recommendation. [4marks]
 - c) Indicate three nutritional based traditional ways of dealing with diarrhea in the context of HIV/AIDS. [3marks]
2.
 - a) Explain three types of supplements considered for use by PLWHAs in the context of food security. [6marks]
 - b) Explain two approaches used to manage severe malnutrition among PLWHAs in food insecure situations. [4marks]
3.
 - a) Explain two major roles of Vitamin A that make it a vital vitamin in the management of HIV/AIDS associated symptoms. [4marks]
 - b) State six dietary management of thrush among adults living with HIV/AIDS. [6marks]
4.
 - a) Discuss the four broad objectives of food aid and food insecurity in the context of HIV/AIDS. [8marks]
 - b) Differentiate between viral load and viral burden in relation to HIV. [2marks]