



1ST SEM. 2007/2008

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME : BACHELOR OF SCIENCE IN FOOD
SCIENCE, NUTRITION AND
TECHNOLOGY YEAR IV**

COURSE CODE : FSNT 404

TITLE OF PAPER : CLINICAL NUTRITION

TIME ALLOWED : TWO (2) HOURS

**INSTRUCTIONS : ANSWER QUESTION ONE (1) AND
ANY OTHER TWO (2) QUESTIONS**

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GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 (COMPULSORY)

Themba, a 47 year-old man, 6 feet 2 inches tall and weighing 200 lb, is admitted to the hospital with chest pain. Three days after admission, during the nutrition screening process, it is discovered that Themba has gained 30 lb over the past 2 years. Review of the medical record reveals the following laboratory data. Low-density lipoprotein (LDL) 240 (desirable < 130), High-density lipo protein (HDL) 30 (desirable > 65), and triglycerides 350 (desirable < 200). Blood pressure is 120/85. Current medications: multivitamin/mineral daily. Cardiac catheterization is scheduled for tomorrow.

- a) What other information do you need to develop a nutritional care plan?
- b) Was nutrition screening completed in a timely manner? Discuss the implications of timing of screening versus implementing care.
- c) Develop a SOAP note based on the preceding information and the interview with the patient.
- d) What nutrition care goals would you develop for this patient during his hospital stay?
- e) What goals would you develop for this patient after discharge? Discuss how the type of health care insurance might influence this plan.

[TOTAL MARKS = 40]

QUESTION 2

Describe the effects of Drugs on Food and Nutrition.

[TOTAL MARKS = 30]

QUESTION 3

Describe dietary management of the following selected disorders:

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|----------------------------|------------|
| a) Alcoholic liver disease | [10 marks] |
| b) Coronary heart disease | [10 marks] |
| c) Diabetes mellitus | [10 marks] |

[TOTAL MARKS = 30]

QUESTION 4

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| a) Explain the relationship between Malnutrition and AIDS. | [14 marks] |
| b) Describe the goals of nutrition intervention for HIV disease. | [16 marks] |

[TOTAL MARKS = 30]