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1ST SEM. 2016/17



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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

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

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GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 (COMPULSORY)

(a) CASE STUDY: Woman with a poor Appetite

Mrs. Dlamini was admitted to the hospital with pneumonia. Her weight has dropped from 1345 pounds to 120 pounds, 2 inches tall. She has a poor appetite and refuses to eat. In talking with her, you discover that one of her closest friends has recently died.

- i. List some reasons why Mrs. Dlamini's appetite might be poor. (5 Marks)
- ii. What is Mrs. Dlamini's percent usual body weight? Has she lost a significant amount of weight? Is she at risk for poor nutrition status? (10 Marks)
- iii. Suggest ways to improve Mrs. Dlamini's appetite. (5 Marks)

(b) Describe possible diet modifications for the following clinical conditions:

- i. Cirrhosis (4 Marks)
- ii. Gastritis (2 Marks)
- iii. Atherosclerosis (4 Marks)
- iv. Burns (3 Marks)
- v. Acute renal failure (7 Marks)

[TOTAL MARKS = 40]

QUESTION 2

(a) Alcohol is one of the widely abused drugs in the world. Explain why all alcohol abusers are considered as risks for poor nutrition status. (20 Marks)

(b) Describe the causes and dietary management of peptic ulcer disease. (10 Marks)

[TOTAL MARKS = 30]

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QUESTION 3

Discuss the medical nutrition therapy for the following conditions:

(a) Type II diabetes

(15 Marks)

(b) Renal disease

(15 Marks)

[TOTAL MARKS = 30]

QUESTION 4

Discuss the role of nutrition in managing the following:

(a) Cancer.

(15 Marks)

(b) HIV and Aids.

(15 Marks)

[TOTAL MARKS = 30]