



1ST SEM. 2012/13

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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 QUESTIONS ONE (1) AND
ANY OTHER TWO (2) QUESTIONS**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN
GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 (COMPULSORY)

- a) Explain the purposes served by diet therapy. (10 Marks)
- b) Discuss the role of diet in total patient care. (10 Marks)
- c) Describe therapeutic modifications of the normal diet. (20 Marks)
- [TOTAL MARKS = 40]**

QUESTION 2

- a) Discuss the role of diet in the incidence of diseases of the small intestines and colon. (15 Marks)
- b) Describe the etiology and nutritional management of malnutrition in liver disease. (15 Marks)
- [TOTAL MARKS = 30]**

QUESTION 3

Discuss type 2 Diabetes Mellitus under the following:

- a) Etiology (12 Marks)
- b) Symptoms (10 Marks)
- c) Nutrition management (8 Marks)
- [TOTAL MARKS = 30]**

QUESTION 4

Explain the dietary management of the following disease conditions:

a) Burns

(10 Marks)

b) Acute renal failure

(8 Marks)

c) Atherosclerosis

(12 Marks)

[TOTAL MARKS = 30]