



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**

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

QUESTION 1 (COMPULSORY)

Discuss the causes, possible clinical findings and nutritional management of malnutrition in liver disease.

[TOTAL MARKS = 40]

QUESTION 2

Describe the causes, clinical symptoms and nutritional management of both acute and chronic pancreatitis.

[TOTAL MARKS = 30]

QUESTION 3

a) Define the following terms:

- (i) Coronary heart disease
- (ii) Congestive heart failure
- (iii) Myocardial infarction
- (iv) Angina pectoris
- (v) Chronic renal failure

[5 x 2 = 10]

b) (i) List the causes of hypermetabolic response. **[12 marks]**

(ii) Describe the nutritional management for metabolic stress.
[8 marks]

[TOTAL MARKS = 30]

QUESTION 4

Discuss congestive heart failure under the following headings:

- a) Cause. [8 marks]
- b) Symptoms. [10 marks]
- c) Nutritional Management. [12 marks]

[TOTAL MARKS = 30]