

**1<sup>ST</sup> SEM. 2014/2015**



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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**

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**FSNT 404 (M)**

**QUESTION 1 (COMPULSORY)**

(a) Describe the following diets with regards to: general description, indications and rationale as well as nutritional adequacy.

- i. Postoperative diet (10 Marks)
- ii. Gluten-free diet (10 Marks)
- iii. Dumping syndrome diet (10 Marks)

(b) Fill in the blanks in the table below depicting food and drug interactions.

**FOOD AND DRUG INTERACTIONS**

Drug classification	Effect of food on drug	Effect of drug on nutritional status	Patient guidelines
I. Analgesic Acetaminophen (Tylenol) ibuprofen (motrin)			
II. Antacid calcium carbonate (Tums) magnesium trisilicate			
III. Antibiotic/anti-infective tetracycline (achromycin)			

(10 Marks)

**[TOTAL MARKS = 40]**

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**FSNT 404 (M)**

**QUESTION 2**

(a) Describe the signs and symptoms of Congestive Heart Failure (CHF). (8 Marks)

(b) Discuss the medical nutrition therapy for Congestive Heart Failure. (22 Marks)

**[TOTAL MARKS = 30]**

**QUESTION 3**

Explain nutrition priorities in the management of people living with HIV.

**[TOTAL MARKS = 30]**

**QUESTION 4**

Discuss medical nutrition therapy for the following diseases:

(a) Type II diabetes mellitus (15 Marks)

(b) Renal disease (15 Marks)

**[TOTAL MARKS = 30]**