



**1<sup>ST</sup> SEM. 2006/2007**

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**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN HOME  
ECONOMICS EDUCATION & HOME  
ECONOMICS YEAR V**

**COURSE CODE : FN 501**

**TITLE OF PAPER : CLINICAL NUTRITION**

**TIME ALLOWED : TWO (2) HOURS**

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

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GRANTED BY THE CHIEF INVIGILATOR**

### **QUESTION 1 [COMPULSORY]**

A normal diet may be modified according to disease, symptoms, condition of the patient and the metabolic changes.

Identify and discuss therapeutic modifications which are commonly done.

[8 x 5 = 40]

[Total = 40 marks]

### **QUESTION 2**

Discuss Type 2 Diabetes Mellitus under the following headings:

- a) Etiology [4 x 2 = 8]
- b) Symptoms [5 x 2 = 10]
- c) Nutritional Management [12 marks]

[Total = 30 marks]

### **QUESTION 3**

a) Define the following terms as they relate to Clinical Nutrition.

- i. Disphagia
- ii. Atherosclerosis
- iii. Gastritis
- iv. Cirrhosis
- v. Nephrotic syndrome

[5 x 2 = 10]

b) Describe the goals of nutrition intervention in the pathogenesis of HIV disease.

[20 marks]

[Total = 30 marks]

### **QUESTION 4**

Give the principal causes of acute renal failure and outline the course of diet therapy as the patient restores to normalcy.

[Total = 30 marks]