



**PAGE 1 OF 2**

**UNIVERSITY OF SWAZILAND**

**SUPPLEMENTARY EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN HOME  
ECONOMICS EDUCATION AND  
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**

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

### **Question 1**

Identify and describe **four** ways food may affect drug use, and give examples of each.  
[4 x 10 = 40]

### **Question 2**

Describe the etiology, clinical signs, and treat of the following intestinal diseases:

- a) Malabsorption and diarrhea
- b) Inflammatory bowel disease
- c) Diverticular disease

[3 x 10 = 30]

### **Question 3**

- a) Define Liver Cirrhosis [4]
- b) Describe the etiology of cirrhosis and its clinical symptoms [10]
- c) Discuss the nutritional therapy of patients with cirrhosis of the liver. [16]

[Total = 30 marks]

### **Question 4**

Identify four clinical conditions that impair renal function. Give an example of each, describing its effect on various structures of the kidney.

[Total = 30 marks]