

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**SECOND YEAR EXAMINATION FOR MASTER OF SCIENCE IN NURSING IN  
CRITICAL CARE NURSING**

**NUCC 843: GASTROENTEROLOGY CRITICAL CARE NURSING**

**STREAMS: Y2S2**

**TIME: 3 HOURS**

**DAY/DATE : .....**

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**Instructions**

Answer all questions

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**Question One (25 Marks)**

A 66-year-old man is brought to the emergency department in a semi-conscious state with history of severe abdominal pain and vomiting blood. Relatives report that his symptoms began few hours ago, but he has been complaining of pain in the epigastrium after eating for some months, with a notable weight loss. He is not on any treatment but occasionally takes over-the-counter antacids 171/min, respiratory rate 24/min, and blood pressure 94/50 mmHg.

- a) Explain the potential cause(s) of bleeding in the above patient (3 marks)
- b) Describe the emergency assessment and management of the above patient (15 marks)
- c) Describe the continuing management of the patient (7 marks)

**Question Two**

A 23-year-old patient is admitted to the emergency unit with history of organophosphorus poisoning:

- a) Explain the pathophysiology of organophosphorus poisoning (10 marks)
- b) Discuss the management of the above patient giving rationales (15 marks)

**Question Three**

A 56-year old man is admitted in the acute medical ward with acute liver failure:

- a) Describe the potential causes of his problem (10 marks)
- b) Discuss the standard nursing management giving rationales (15 marks)

**Question Four**

Describe the causes, clinical presentation and collaborative management of the following digestive system conditions:

- a) Abdominal compartment syndrome (10 Marks)
- b) Pancreatitis (8 Marks)
- c) Refeeding syndrome (7 Marks)