



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

FIRST YEAR THIRD Timester EXAMINATIONS

**FOR THE DEGREE
OF
MASTERS OF SCIENCE IN ADVANCED NURSING PRACTICE**

COURSE CODE: NCS 8131

COURSE TITLE: GASTRO-ENTEROLOGY NURSING

MAIN EXAMINATION

DATE: 26th July, 2022

TIME: 8.00 AM-11.00 AM

INSTRUCTIONS TO CANDIDATES

Answer all Questions

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

LONG ANSWER QUESTIONS: 100 MARKS

1. Patient X is admitted in the male medical ward with history of epigastric pain following a fatty meal for the past 1 month.
 - a) Explain the working diagnosis for patient X (3 marks).
 - b) Describe the investigations that patient X will undergo during this admission (5 marks)
 - c) Describe the management of patient X during this admission (12 marks)

2. A nurse in the surgical ward is taking care of patient X on total parenteral nutrition following open laparotomy. Discuss the nursing management of patient X for the first 24 hours post operatively (20 marks)

3. Patient X is a 60 year old male with history of passing bloody stool for the past two weeks. Initial investigations revealed that the patient has colon cancer. Patient X is admitted for creation of a colostomy.
 - a) Describe the pre-operative care for patient X (8 marks)
 - b) Discuss the post-operative nursing management of patient X (12 marks)

4. As A 32-year-old patient is returning to your unit post laparoscopic gastrectomy. She is alert and oriented when aroused. Her pain level is 2 (on a 0 to 10 numeric pain scale). She denies nausea. Her blood pressure is 128/78 mm Hg, heart rate is 128 bpm, respiratory rate is 18 breaths/min and regular, and temperature is 36.7°C.
 - a) Describe the possible complications the patient may develop following gastrectomy (10 marks)
 - b) Discuss the priority nursing interventions for this patient within the first 24 hours following gastrectomy (10 marks).

5. Nurse X is taking care of 20 year old male patient newly diagnosed with Crohn's Disease. The patient is anxious and has a lot of questions on his condition. The nurse plans to have a session with the patient to discuss his condition. Outline patient education information that the nurse will share with the patient under the following headings:
 - a) Definition of Crohn's disease (1 marks)
 - b) Pathophysiology of Crohn's disease (4 mark)s
 - c) Clinical manifestations (3 marks)
 - d) Management (12 marks)