

(University of Choice)

**MASINDEMULIROUNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST YEAR SECOND TRIMESTER EXAMINATIONS

FOR THE DEGREE

OF

MASTER OF SCIENCE MEDICAL DIETETICS

COURSE CODE: HMD 807

COURSE TITLE: ADVANCED CLINICAL DIETETICS

DATE: 28TH APRIL, 2022

TIME: 9.00AM- 12.00PM

INSTRUCTIONS TO CANDIDATES

Answer Question **ONE** and any other **TWO** questions

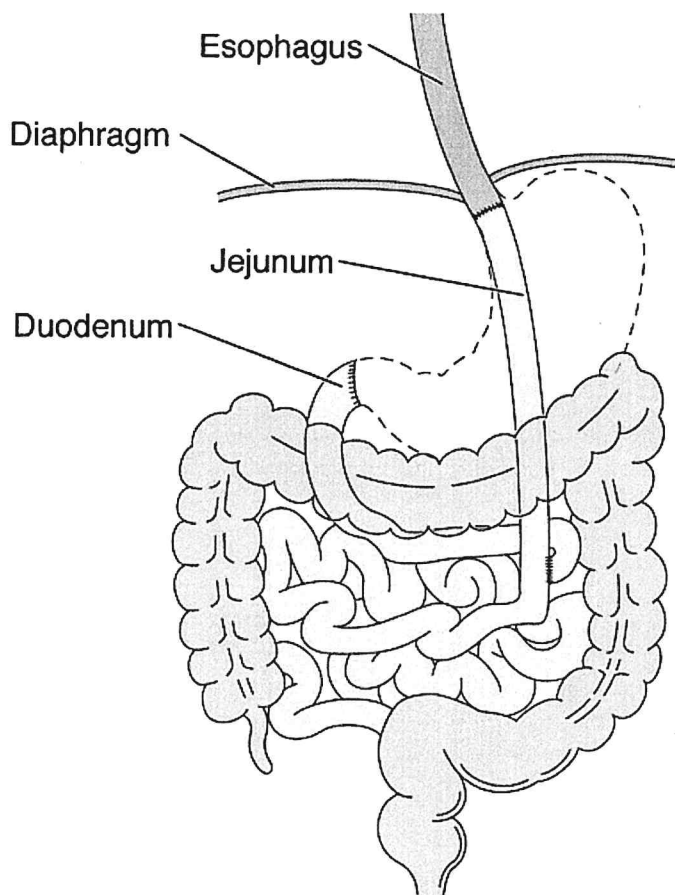
TIME: 3 Hours

MMUST observes **ZERO** tolerance to examination cheating

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

THERE ARE FIVE (5) QUESTIONS; QUESTION ONE IS COMPULSORY. ANSWER ANY OTHER TWO QUESTIONS

1. Evaluate the pathophysiology and management of the gastro intestinal tract condition Guided by the nutrition care process (total gastrectomy and illiostomy at the left iliac region of the abdomen) indicated in the diagram below while focusing on nutrient alterations and key products useful in the patient care (25mks)



2. Demonstrate the most common beneficial drug supplement, nutrient or food interactions in a patient in the clinical settings or health care facilities (25mks)

3. Analyze nutrient depletion experienced during pharmacotherapy using specified drugs and related conditions (25mks)
4. Synthesize the critical data and patient history needed for accurate nutritional diagnosis and management of patient in the health care facility (25Mks)
5. Using a hypothetical patient and data of your choice, demonstrate the use of Ireton Jones and Harris Benedict equations in the estimation of energy and nutrient needs of the patient in the health care facility and prepare a food exchange list indicating the weekly distribution of proposed menu items (25mks) what if

