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

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

SECOND YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE DEGREE
IN
NUTRITION**

MAIN EXAM

COURSE CODE: HND 106

COURSE TITLE: HUMAN ANATOMY I

DATE: 22/04/2022

TIME: 3.00 -5.00 PM

INSTRUCTIONS TO CANDIDATES

This paper is divided into two sections, **A** and **B**. Answer all Questions in section A and **Two** Questions in section B

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 5 Printed Pages. Please Turn Over.

SECTION A:

Answer all questions

1. Describe the following anatomical terms?
 - a) Dorsal (2 marks)
 - b) Proximal (2 marks)
2. Explain the significance of the anatomical positions (2 marks)
3. What is meant by the following terms?
 - a) Sagittal plane(2 marks)
 - b) Coronal plane(2 marks)
4. Name the germ layers which the following tissues are derived from (4 marks)
 - a) Dermis
 - b) Mucosal epithelium of digestive tract
 - c) Thymus
 - d) Nervous system
5. State the functions of the amniotic fluid (4 marks)
6. Name the 4 primary tissues (4 marks)
7. Name 4 ways in which exocrine glands are classified(4 marks)
8. Distinguish between systemic anatomy and regional anatomy (4 marks)?
9. Name any four organs' systems of the human body(4 marks)
10. List any four structures in the mediastinum (4 marks)

SECTION B – SHORT ANSWER QUESTIONS – (40 marks)

Answer all questions

1. Describe the abdominopelvic cavity including its structures (15 marks)
2. Define the microscopic and representative location of the simple epithelium (15 marks)
3. Write a note on;
 - a) Mucous membrane(5 marks)
 - b) Serous membrane(5 marks)
 - c) Synovial membrane(5 marks)
4. Describe the structure of alveolar connective tissue(15 marks)