

120



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

MAIN

2022/2023 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER

**FOR THE BACHELORS DEGREE IN HEALTH PROMOTION AND
SPORTS SCIENCE**

COURSE CODE: HSS 107/EPE 103

**COURSE TITLE : ADVANCED FUNCTIONAL HUMAN
ANATOMY**

DATE: WEDNESDAY, 12TH.APRIL,2023

TIME: 3.00-5.00 P.M.

INSTRUCTIONS TO CANDIDATES:

Answer questions ONE and any other TWO

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating



QUESTION ONE

Describe the structure and function of the following body organs.

- i) Nephron [10 marks]
- ii) Neuron [10 marks]
- b) Explain FIVE main functions of the skin. [10 marks]

QUESTION 2.

- a) Describe how the digestive system prepares nutrients for utilization by the body cells [15 marks]
- b) The term respiration has several meanings. Explain [5 marks]

QUESTION THREE

- a) Discuss the functions of the lymphatic system [14 marks]
- b) Describe the broad categories of the nervous system [6 marks]

QUESTION FOUR

Using illustrations describe the function of the eye. [20 marks]

QUESTION FIVE

Using illustrations describe the functions of the brain