



UNIVERSITY EXAMINATIONS

SECOND SEMESTER 2023/2024 ACADEMIC YEAR

**FIRST YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF BIOMEDICAL SCIENCE AND
TECHNOLOGY**

BMED 121: HUMAN ANATOMY AND DEVELOPMENT

STREAM: R

TIME: 2 HRS

DAY: WEDNESDAY[11.30A.M – 1.30P.M] DATE: 17/04/2024

THIS QUESTION PAPER CONSISTS OF TWO (2) PAGES

PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.



INSTRUCTIONS: ANSWER ALL THE QUESTIONS IN SECTION A AND ANY OF THE TWO QUESTION IN SECTION B

SECTION A (40 MARKS)

QUESTION ONE

Outline any **five** branches of human anatomy **(5 Marks)**

QUESTION TWO

List and elaborate on any **five** functions of the musculoskeletal system **(5 Marks)**

QUESTION THREE

Elaborate on the composition of the integumentary system **(5 Marks)**

QUESTION FOUR

Briefly highlight on the peripheral nervous system **(5 Marks)**

QUESTION FIVE

List any five conditions associated with the respiratory system **(5 Marks)**

QUESTION SIX

Describe any **five** functions of the urinary tract system **(5 Marks)**

QUESTION SEVEN

Define the term circulatory circuits, and define any three types of pulmonary circuits **(5 Marks)**

QUESTION EIGHT

List the steps involved in human fertilization **(5 Marks)**

SECTION B (30 MARKS)

QUESTION NINE

Discuss the processes involved in the digestive system **(15 Marks)**

QUESTION TEN

Outline the anatomy of the organs involved in the circulatory system **(15 Marks)**

QUESTION ELEVEN

Discuss the stages involved in embryonic development **(15 Marks)**

