



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
END OF SEMESTER EXAMINATION JANUARY-APRIL 2023

UNIT CODE: CHP 122:
UNIT NAME: Basic Anatomy and Physiology
Date: 11th April 2023
Time: 2 hour **Start:** 2.00 PM **Stop:** 4.00 PM

INSTRUCTIONS

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Question (30 Marks)
Section B: Long Answer Questions (40 Marks)
3. All questions in Section A are compulsory and Answer any TWO questions in Section B
4. No movement is allowed during the examination
5. Any aspect of cheating detected during and or after the exam administration will lead to the nullification of your exam.

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. Define homeostasis? (2 Marks)
2. Describe the divisions of the skeletal system and from each division, give at least one example of the type of bones found. (4 Marks)
2. Write down FIVE functions of the skin? (5 marks).
3. Describe the conduction system of the heart? (4 marks)
4. Outline the THREE functions of the Nervous system? (3 Marks)
5. Outline FOUR main activities of the respiratory system process (4 Marks)
6. State FOUR statements that describe the anatomical position (4 Marks)
7. Name at least two of the valves found in the human heart. (4 Marks)

SECTION B: (40 MARKS)

LONG ANSWER QUESTIONS: ANSWER ANY TWO QUESTIONS

8. Explain the structure and functions of the Kidney as an organ of the Urinary System. (20 marks)
10. Discuss the life processes of the human body. (20 Marks).
11. Explain the following as per the Gastro-intestinal system. (20 Marks)
 - a) Explain the processes that food undergoes in the Gastro-intestinal tract. (6 marks)
 - b) Explain the activities in which the digestive system prepares nutrients for use by the cells in the body (14 marks)