



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
END OF SEMESTER EXAMINATION SEPTMEBER -DECEMBER 2022

CHP 122: Basic Anatomy and Physiology

Date: 8th December 2022

Time: 2 hours

Start: 4.00 PM

Stop: 6:00 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.
6. Do not write on the question paper

SECTION A: 30 MARKS

SHORT ANSWER QUESTIONS: ANSWER ALL QUESTIONS

1. Highlight FOUR types of connective tissue (4 marks)
2. Outline FOUR characteristics of skeletal muscles? (4 marks)
3. Outline SIX levels of organization within the human body. (6 marks)
4. Highlight THREE functions of the Nervous system? (3 Marks)
5. Describe the main components of the urinary system (4 Marks)
6. Outline FOUR activities of the respiratory process (4 Marks)
7. Define homeostasis? (2 Marks)
8. Distinguishing negative and positive feedback mechanisms in homeostasis (3marks)

SECTION B: LONG ANSWER QUESTIONS (40 MARKS)

9. The human body maintains life through a complex of interrelated functions of different systems. Explain the structure and functions in at least five (5) organ systems of the body. . (20 marks)
10. Explain the functional relationship of the cardiovascular system in terms of the heart, the blood vessels and blood. (20 Marks)
11. Explain the following as per the Gastro-intestinal system
 - 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)