



AMREF INTERNATIONAL TRAINING CENTER

MODULE 1

COMMUNITY HEALTH

HE/OS/CH/CC/03/5/MA

Apply Human Anatomy and Physiology

July/August 2026

WRITTEN ASSESSMENT

Time: 2 HOURS START :9AM FINISH:11AM

11TH AUGUST 2026

INSTRUCTIONS TO CANDIDATES

1. This paper consists of TWO sections, A and B.
2. You are provided with a separate answer booklet.
3. Marks for each question are as indicated.
4. Do not write on the question paper.

This paper consists of 3 printed pages

Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing

SECTION A: (40 MARKS)

Answer ALL questions in this section.

1. Define the following terms as used in human anatomy and physiology.
 - a. Tissue (2 Marks)
 - b. Organ system (2 Marks)
2. Patients seek healthcare services at different levels of the healthcare system depending on their needs. State FOUR reasons for referring a patient from one level to another. (4 Marks)
3. The skeletal system provides support, protection, and movement to the human body. Identify FOUR disorders of the skeleton system. (4 Marks)
4. Different tissues are found throughout the human body, where they perform specialized functions. Mention FOUR types of tissues. (4 Marks)
5. The central nervous system consists of organs that coordinate and regulate body activities. Name TWO parts of the central nervous system. (2 Marks)
6. Blood is a vital fluid that performs essential functions in the body. List FOUR components of blood. (4 Marks)
7. Integumentary system is the largest system of the human body. Identify FOUR functions of the integumentary system. (4 Marks)
8. Globally, there are more than 100 types of cancer affecting human population. State FOUR types of cancer affecting humans. (4 Marks)
9. Early recognition of diabetes signs and symptoms is crucial for timely diagnosis, management, and prevention of complications. Mention FOUR signs and symptoms of diabetes. (4 Marks)
10. Understanding how the structures of the respiratory system is key in appreciating how the body obtains oxygen and eliminates waste gases. Name TWO components of the respiratory system. (2 Marks)
11. Communicable diseases account for more than 80% of morbidity burden in developing world. Outline FOUR prevention measures of communicable diseases. (4 Marks)

SECTION B:(60 MARKS)

Answer THREE questions in this section.

12. The circulatory system is a human body system that moves the blood, nutrients, oxygen and carbon dioxide around the body.
- a) Draw a well labelled diagram of the human heart. (8 Marks)
 - b) Describe SIX cardiovascular diseases. (12 Marks)
13. The digestive system of a human body consists of a series of organs that have a connection together. This system allows the body to break down and let it absorb food and remove waste
- a) Discuss FIVE disorders of the digestive system. (10 Marks)
 - b) Describe the process of digestion. (10 Marks)
14. The endocrine system is a complex network of glands and organs.
- a) Describe SIX endocrine glands and their functions. (12 Marks)
 - b) Outline FOUR disorders of the endocrine system. (8 Marks)
15. A community health trainer explains that understanding how the human body is organized and how its basic structural function is essential for providing quality healthcare services.
- a) Describe FIVE levels of organization of the human body. (10 Marks)
 - b) Draw the structure of the cell and name EIGHT components. (10 Marks)