



AMREF INTERNATIONAL TRAINING CENTER

091905T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY

HE/OS/HR/CC/02/5/B

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. During a clinical documentation review, a Health Records Officer encounters a diagnosis indicating an autoimmune disease. Define the term auto immune disease.
(2 Marks)
2. A Health Records Officer is reviewing medical documentation that refers to both anatomy and physiology. Differentiate between human anatomy and human physiology.
(2 Marks)
3. Muscular system controls muscles in the body which aid in movement. Identify THREE disorders of the muscular system.
(3 Marks)
4. A patient's medical file contains information on tissue biopsies and histology reports. Name FOUR types of tissues that are found in the human body.
(4 Marks)
5. While compiling community health statistics, a Health Records Officer notices an increase in cases of Non-Communicable Diseases (NCDs). State THREE risk factors Non-Communicable Diseases.
(3 Marks)
6. While reviewing a patient's laboratory report, you notice that a clinician has requested a Full Blood Count (FBC) to assess the patient's health status. 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. You are reviewing the patient's history and symptoms of Ebola before updating the medical records. State THREE signs and symptoms that you came across in the patient's file.
(3 Marks)
9. Globally, there are more than 100 types of cancer affecting human population. Outline THREE approaches used towards cancer treatment.
(3 Marks)
10. You are tasked with updating patient files for individuals diagnosed with cardiovascular conditions. Mention FOUR signs and symptoms of hypertension.
(4 Marks)
11. A patient's file contains investigations and notes related to urine formation and excretion. List FOUR components of the urinary system.
(4 Marks)

12. Communicable diseases account for more than 80% of morbidity burden in developing world. Outline FOUR primary prevention of communicable diseases. (4 Marks)

SECTION B:(60 MARKS)

Answer THREE questions in this section.

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 EIGHT functions of these glands. (16 Marks)
 - b. Discuss TWO disorders of the endocrine system. (4 Marks)
15. Globally, eight million people have auto- antibodies which are blood molecules that indicate a person's chance of developing autoimmune disease. These diseases are affecting more people for reasons unknown.
- a. Explain THREE disorders of the immune system. (6 Marks)
 - b. Discuss SEVEN emerging issues contributing to the high prevalence of auto-immune diseases in the developing countries. (14 Marks)
16. 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)