



AMREF INTERNATIONAL TRAINING CENTER

Qualification Code : 102106T4COH
Unit Course : Community Health Level 6
Unit Code : HE/OS/CH/CC/04/6/A
Unit Of Competency : Apply Human Anatomy & Physiology

WRITTEN ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. This paper consists of **TWO** sections: A and B.
2. Answer questions as per instructions in each section.
3. Maximum marks for each question are indicated in brackets ().
4. You are provided with a separate answer booklet.

*This paper consists of **THREE (3)** printed pages.
Candidates should check the question paper to ascertain that all the
pages are printed as indicated and that no questions are missing.*

SECTION A [40 MARKS]

Answer ALL the Questions in This Section

1. Define the following terms:
 - a) Human anatomy (2 mark)
 - b) Homeostasis (2 mark)
2. The human organism is categorized into different levels of structural and functional organization. Identify THREE levels of this organization (3 marks)
3. Anatomical terms used to describe the position and relation between various structures. State FOUR anatomical positions (4 marks)
4. A communicable disease is one that spreads from one person or animal to another or from a surface to a person. Name FOUR communicable diseases of public health importance (4 marks)
5. The upper ventral cavity, also known as the thoracic cavity, is the upper part of the ventral cavity in the human body. Name FOUR organs found in the upper ventral cavity (4 marks)
6. Cardiovascular disease (CVD) is a term for a group of conditions that affect the heart and blood vessels Outline FOUR function of the cardio-vascular diseases (4 marks)
7. The respiratory system is a vital system in the human body responsible for the exchange of oxygen and carbon dioxide. Highlight TWO respiratory diseases (2 marks)
8. Lymph is a clear watery fluid. State TWO mechanisms that aid the flow of lymph fluid. (2marks)
9. The skin is the largest organ in the body. Outline THREE protective functions of this organ (3 marks)
10. The Central Nervous System is the processing center of the body. Identify TWO major divisions of the Central Nervous System (2 marks)
11. The menstrual cycle is controlled by many different glands and the hormones that glands produce. Highlight FOUR phases of the cycle. (4 Marks)
12. Highlight the function of the following –
 - a) Ligament (2 Marks)
 - b) Tendon (2 Marks)

SECTION B (60 MARKS)

Answer Any Three Questions in this Section

13. The human skeleton is the internal framework of the body, and it is composed of 270 bones, but eventually decreases to around 206 bones by adulthood after some get fused together, with reference to this statement attempt the following
- a. Describe TWO major subdivision of human skeleton (4marks)
 - b. Explain FOUR types of bones (8marks)
 - c. Discuss FOUR functions of bones (8 marks)
14. Digestion is the process of mechanically and enzymatically breaking down food into substances for absorption into the bloodstream.
- a) Describe TWO divisions of the digestive system. (6 marks)
 - b) Explain THREE roles of the digestive system. (6marks)
 - c) Describe FOUR disorders related to above organ system (8Marks)
15. The objective of a referral system is to improve the client's access to services, reduce the time it takes for them to acquire care and avoid unnecessary delays.
- a) Define referral system (2 mark).
 - b) Identify FOUR (4) elements of Comprehensive Care (4 marks).
 - c) Discuss SEVEN (7) essential elements of a good referral system (14marks)
16. The urinary system also known as the renal system works with the respiratory, integumentary and digestive organs to let your body work properly.
- a) With a well-labeled diagram Illustrate the structure of the nephron (10 Marks)
 - b) Discuss FIVE main functions of the urinary system. (10 Marks)