

Printed By: Amref International Training Center

Date: 28.07.2025 08:06 AM

102106T4COH

COMMUNITY HEALTH LEVEL 6

HE/OS/CH/CC/04/6

Apply Human Anatomy and Physiology

July/August 2025

Printed By: Amref International Training Center

Date: 28.07.2025 08:06 AM



Printed By: Amref International Training Center

Date: 28.07.2025 08:06 AM

**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

Printed By: Amref International Training Center

Date: 28.07.2025 08:06 AM

Time: 3 HOURS

Printed By: Amref International Training Center

Date: 28.07.2025 08:06 AM

INSTRUCTIONS TO CANDIDATE

1. This paper consists of **TWO** sections: **A** and **B**.

2. Attempt **ALL** questions in section **A**.

3. Attempt **any THREE** questions in section **B**.

4. Marks for each question are indicated in the brackets.

5. Candidates are provided with a separate answer booklet.

6. Do not write on the question paper.

Printed By: Amref International Training Center

Date: 28.07.2025 08:06 AM

This paper consists of THREE (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)

Attempt ALL the questions in this section.

1. You fell from a tree and hurt your forearm. Identify TWO bones you likely injured. [2 Marks]
2. Screening is critical in the control of non-communicable diseases such as cardiovascular conditions. Identify FOUR cardiovascular diseases that can be screened in the community. [4 Marks]
3. Obesity is known to be a risk factor for several diseases and conditions. Recommend THREE ways of controlling obesity in the community. [3 Marks]
4. The cell is the basic unit of human life. State FOUR functions of the human cell. [4 Marks]
5. Epithelia tissues are classified based on the number of layers and arrangement of cells. State functions of epithelia tissues. [4 Marks]
6. The skin is supported by various glands in performing its functions. Identify TWO glands of the skin found on the thighs, stating each of their functions. [4 Marks]
7. Sympathetic nerves are responsible for “fight or flight” responses of the body. Enumerate FOUR such responses. [4 Marks]
8. The female reproductive system is adapted to its function of producing female gametes. Justify FOUR adaptations of the female reproductive organs. [4 Marks]
9. The male reproductive system can be affected by a range of disorders that affect the system's overall function. Suggest FOUR disorders that specifically affect the male reproductive system only. [4 Marks]
10. Despite the presence of acid and proteases within the stomach lumen, the stomach does not digest itself. State THREE justifications for this phenomenon. [3 Marks]
11. The color and composition of urine vary depending on the amount of water and the type of diet consumed by an individual. Beside water, highlight FOUR components of human urine. [4 Marks]

SECTION B (60 MARKS)

Attempt Any THREE Questions in This Section

12. Organs of the human anatomical systems comprise different tissues, classified based on their specific functions.

a) Using specific examples, classify FIVE functions of connective tissues in the human body. [10 Marks]

b) The organs of the respiratory system are composed of different tissues that help them perform their functions. State FIVE such organs outlining a function for each. [10 Marks]

13. The endocrine system is responsible for carrying essential messages throughout the body to facilitate various functions, such as digestion.

a) Describe the functions of FIVE organs and glands of the endocrine system. [10 Marks]

b) Explain FIVE functions of the digestive system. [10 Marks]

14. The urinary system is critical in the maintenance of homeostasis.

a) Using a well-labelled diagram, illustrate the structure of the urinary system. [8 Marks]

b) Explain SIX functions of the urinary system. [12 Marks]

15. The nervous system comprises the brain, spinal cord, nerves and neurons.

a) Describe SIX parts of the brain, stating their functions. [12 Marks]

b) Cranial nerves send electrical signals between the brain and different parts of your head, face, neck and torso. Suggest FOUR cranial nerves, explaining their specific roles. [8 Marks]