

102104T4COH

COMMUNITY HEALTH LEVEL 4

HE/OS/CH/CC/02/4/A

Apply Human Anatomy and Physiology

July/August 2023



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

WRITTEN ASSESSEMENT

2 Hours

INSTRUCTIONS TO CANDIDATE

1. This paper consists of **two** sections: **A** and **B**.
2. Answer **ALL** questions in sections A and B in the answer booklet provided.
3. Marks for each question are indicated in brackets.
4. Do not write on this question paper.

This paper consists of 4 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: (10 MARKS)

Answer all questions in this section. Each question carries one Mark.

1. Which of the following statements describes the human body system?
 - A. Is intercorrelated cells working together
 - B. Is a group of organs with related functions
 - C. Is the basic unit of the human
 - D. Is a set of complementary bio make-ups
2. _____ is responsible for helping humans to maintain the body posture
 - A. Nervous system
 - B. Skeleton system
 - C. Muscular system
 - D. Cardiovascular system
3. Identify from the following a system with structures that offers outer protection for the body.
 - A. Alimentary system
 - B. Coronary system
 - C. Integumentary system
 - D. Muscular system
4. Choose from the following the correct order of the human organization for a human organism.
 - A. Cells → Tissues → Organ
 - B. Organ → Cells → Tissues
 - C. Tissues → Cells → Organ
 - D. Tissues → Organs → Human body system
5. Which one of the following organs is found in endocrine system?
 - A. Ovaries
 - B. Pancreas
 - C. Pineal gland
 - D. Liver
6. _____ is part of the human skeleton that forms the helmet for the protection of the human brain
 - A. Mandible

- B. Temporal bone
 - C. Scapular
 - D. Cranium
7. Select from the following one set of disorders that are associated with the reproductive system
- A. Penicilliosis
 - B. Endometriosis
 - C. Arthritis
 - D. Brucellosis
8. Which of the following statements is true about non-communicable diseases that affect humans
- A. They can develop due to exposure to the working conditions
 - B. They are transmitted from one person to another
 - C. They only affect the elderly
 - D. They can easily be cured using antibiotics
9. Identify from the following a patient with a condition that you can refer from the community to the linked facility.
- A. A patient with a bruised leg
 - B. A patient with cancer
 - C. A patient with fever
 - D. A patient with common cold.
10. Which statement illustrates the difference between anatomy and physiology?
- A. Anatomy is the scientific study of the mind while physiology is the study of the functions of body parts
 - B. Anatomy is the study of the external structure of the human body while physiology is the study of the internal structures of the human body
 - C. Anatomy is the study of structures of the human body while physiology is the study of how parts of the human body function
 - D. Anatomy is the study of disease and its causes while physiology is the study of the functions of body parts

SECTION B: (40 MARKS)

Answer all questions in this section

11. State FOUR components of blood as one of the constituent organs of the human circulatory system. (4 Marks)
12. Highlight THREE functions of the skeletal system in the human body. (3 Marks)
13. Outline FIVE methods you can use to prevent common diseases at your community health unit. (5 Marks)
14. List THREE hormones produced by the human body. (3 Marks)
15. State FOUR biological infectious agents that can destroy the tissues and organs of the human body system. (4 Marks)
16. Identify FOUR functions of the kidney in the human body. (4 Marks)
17. List THREE non-communicable diseases that are associated with the circulatory system. (3 Marks)
18. Highlight FIVE modes of transmission of HIV/AIDS in the community. (5 Marks)
19. Identify THREE barriers you can face when referring patients with chronic conditions from the community to the link facility. (3 Marks)
20. Outline FOUR reasons for studying human anatomy and physiology in community health work. (4 Marks)
21. State the TWO planes of the body. (2 Marks)

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