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COMMUNITY HEALTH LEVEL 6

HE/OS/CH/CC/04/6

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Apply Human Anatomy and Physiology

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November/December 2025

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

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WRITTEN ASSESSMENT

Time: 3 Hours

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INSTRUCTION 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.

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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. Pathological conditions can be detected by histology through appropriate specimen staining and analyzing specimen under a microscope. Identify any FOUR such conditions. (4 Marks)
2. Many stains in histology are adapted from dyes. They are used to target specific cellular components in tissues. Outline FOUR histological stains commonly used. (4 Marks)
3. The human body is organized into a hierarchy from simple to complex. Mention any FOUR human body organization levels. (4 Marks)
4. Human body systems are a group of organs performing common or related functions. Name any FOUR human body systems (4 Marks)
5. Tissues are a group of cells that work together to perform a common function. List the FOUR tissues found in the human body. (4 Marks)
6. Some disorders of the human body are found in certain organ systems. Mention any TWO disorders that are found characteristically in the skeletal system. (2 Marks)
7. The reproductive system is a key part of the human body that serves an important role in ensuring the continuation of offspring. Record any FOUR functions of the reproductive system (4 Marks)
8. Communicable diseases can be spread directly or indirectly from one person to another. Enumerate any FOUR communicable diseases found in Kenya. (4 Marks)
9. Malaria is one of the leading killer diseases of children in Kenya. Outline FOUR preventive measures used against malaria. (4 Marks)
10. Kenya Essential Package for Health (KEPH) has been categorized in 6 levels of core primarily meant to rationalize the delivery of health services within the health system for efficiency in the use of existing resources. This has led to the establishment of the referral system. Mention any FOUR dangers and barriers to a coordinated referral system. (4 Marks)
11. STIs e.g. HIV and viral hepatitis are spread through the exposure to infective bodily fluids such as blood or vaginal secretion and semen. Outline any TWO preventive measures against them. (2 Marks)

SECTION B: (60 MARKS)

Attempt any THREE questions in this section.

12. Cancer, also known as malignancy, is an abnormal growth of cells. There are more than 100 types of cancer.

- a) Identify any FIVE types of cancer (5 Marks)
- b) Enumerate the causes of the types of cancers you have mentioned above (5 Marks)
- c) Describe any FIVE approaches used to treat cancers (10 Marks)

13. A referral system is defined as a mechanism to ensure client's health needs are comprehensively managed using resources beyond these available where they access care.

- a) Explain FIVE ways in which referral management is done (10 Marks)
- b) Describe FIVE elements of a referral system (10 Marks)

14. Various organ systems are characterized by different disorders that affect their normal functioning. Review any TWO disorders each affecting the following organ systems:

- a) Nervous system (4 Marks)
- b) Reproductive system (4 Marks)
- c) Respiratory system (4 Marks)
- d) Circulatory system (4 Marks)
- e) Endocrine (hormonal) system (4 Marks)

15. The human body has a number of biological systems. However, human body systems carry out specific functions that are necessary for the everyday living of a human being. Eleven organ systems are present in the human body.

- a) Describe TWO functions each of any FIVE of these organ systems (10 Marks)
- b) Identify any FIVE organs found in man and state their functions (10 Marks)