

102105T4COH

COMMUNITY HEALTH LEVEL 5

HE/OS/CH/CC/04/5/A

APPLY BASIC MICROBIOLOGY AND PARASITOLOGY

NOV/DEC 2023



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

WRITTEN ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. The paper consists of three sections: **A**, **B** and **C**.
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 seven (7) printed pages.

**Candidate should check the question paper to ascertain that all pages are
printed as indicated.**

SECTION A: (20 MARKS)

Answer ALL the questions in this section.

1. Virology is the study of _____.
 - A. The study of Bacteria
 - B. The study of Parasites
 - C. The study of Viruses
 - D. The study of Fungi
2. A community member infested with *Entamoeba histolytica* can suffer from which of the following diseases.
 - A. Dermatitis
 - B. Giardiasis
 - C. Cholera
 - D. Amoebiasis
3. A sand fly bites a person who subsequently develops visceral leishmaniasis. Choose from the following, a type of transmission could this be.
 - A. Biological vector transmission
 - B. Mechanical vector transmission
 - C. Direct contact transmission
 - D. Vehicle transmission
4. Which of the following is an example of a non-infectious disease in a community?
 - A. Infection with a respiratory virus
 - B. A disease due to rate of low bone turn over
 - C. Skin infection acquired from a dog bite
 - D. Infection acquired from the stick of a contaminated needle.
5. Identify from the following, a causative agent of pathogenic diseases in humans.
 - A. Pollen Grains
 - B. DNA
 - C. Fungi
 - D. Calcium ions