

102104T4COH

COMMUNITY HEALTH LEVEL 4

HE/OS/CH/CC/04/4/A

Apply Basic Microbiology and Parasitology

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. Fungi form characteristic filamentous tubes known as _____
 - A. Archaea
 - B. Halophile
 - C. Hyphae
 - D. Flagella
2. The Tsetse fly is a transmission vector for which of the following organisms?
 - A. Trichomonas vaginalis
 - B. Trypanosoma gambiense
 - C. Entamoeba histolytica
 - D. Toxoplasma
3. Bacteria are referred to a prokaryotic organism because _____
 - A. They lack a nucleus
 - B. They have multiple nuclei
 - C. They have a divided nucleus
 - D. They have a peptidoglycan cell wall
4. _____ is a layer of a virus?
 - A. Phospholipids.
 - B. Lipophospholipids
 - C. Proteins coat
 - D. Permeable layer
5. Identify from the following a primary method of preventing transmission of microbes and parasites.
 - A. Chemotherapy
 - B. Prevention of exposure
 - C. Use of antibiotics
 - D. Scanning of the early stages of the disease
6. Which of the following infections can be transmitted by an infected Anopheles mosquito?
 - A. Trichuriasis