



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

Qualification Code : 102104T4COH
Qualification : Community Health Level 4
Unit Code : HE/OS/CH/CC/05/4/A
Unit of Competency : Apply Microbiology and Parasitology

ASSESSOR'S GUIDE

INSTRUCTIONS TO CANDIDATE

- i. Time allocated: **THREE (3) HOURS**.
- ii. This paper has three sections **A and B**. Attempt questions in each section as per instructions given in the section.
- iii. You are provided with a separate answer booklet.
- iv. Marks for each question are indicated in the brackets.
- v. Do not write on the question paper

This paper consists of FIVE (5) printed pages

SECTION A: (10 MARKS)

In this section, each question carries one (1) mark. Attempt all questions in this section. Choose the correct answer and write it in the answer booklet provided.

1. Which of the following is the most important structure related to microbial attachment to cells?
 - A. Flagellum**
 - B. Plasmid
 - C. Peptidoglycan
 - D. Glycocalix
2. The Tsetse fly is a transmission factor for which of the following organisms?
 - A. Trichomonas vaginalis
 - B. Trypanosoma gambiense**
 - C. Entamoeba histolytica
 - D. Toxoplasma
3. Which of the following is considered a microorganism?
 - A. Tick
 - B. Ladybird
 - C. Mosquito
 - D. Virus**
4. 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
5. A mosquito bites a person who subsequently develops a fever and abdominal rash. What type of transmission would this be?
 - A. Mechanical vector transmission.
 - B. Biological vector transmission.**
 - C. Direct contact transmission.
 - D. Vehicle transmission