

102105T4COH

COMMUNITY HEALTH LEVEL 5

HE/OS/CH/CC/02/5/A

Apply epidemiology in community health

July/August 2023



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

WRITTEN ASSESSEMENT

3 HOURS

INSTRUCTIONS TO CANDIDATE

1. This paper consists of **three** sections: **A, B** and **C**.
2. Answer **ALL** questions in sections A, B and C 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 7 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: (20 Marks)

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

1. In which of the following circumstances can the prevalence of a disease in the population increase?
 - A. If the incidence rate of the disease falls.
 - B. If survival time of the disease increases.
 - C. If recovery of the disease is faster.
 - D. If the population in which the disease is measured decreases.
2. A person who is invaded by a disease micro-organism is called _____.
 - A. A host
 - B. An agent
 - C. An environment
 - D. A susceptible person
3. From the following, select diseases that are transmitted from infected animals to humans.
 - A. Zoonotic diseases.
 - B. Helminthic diseases.
 - C. Vector borne diseases.
 - D. Enteric fevers
4. Which one of the following is a constituent of an agent in epidemiological triangle model of disease determinants?
 - A. Virulence
 - B. Genetic susceptibility
 - C. Immunosuppression
 - D. Resistance
5. Incubation period in the natural history of a disease is the _____.
 - A. Period when communicability of disease is increased.
 - B. Period when an agent sheds to the environment.
 - C. Period taken from infection to recovery.
 - D. Period taken from infection to manifestation of disease.
6. Which one of the following defines portal of exit in the chain of disease transmission?