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COMMUNITY HEALTH LEVEL 5

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HE/OS/CH/CC/03/5

Date: 20.11.2025 07:41 AM

Apply Epidemiology in Community Health Works

November/December 2025

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TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION

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COUNCIL (TVET CDACC)

WRITTEN ASSESSMENT

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Date: 20.11.2025 07:41 AM

Time: 3 HOURS

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INSTRUCTIONS TO CANDIDATE

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1. This paper consists of **TWO** sections: **A** and **B**.
2. Answer **ALL** questions in section **A** and **ANY THREE (3)** questions in section **B**.
3. Marks for each question are indicated in the brackets.
4. Candidates are provided with a separate answer booklet
5. 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. You are to write a report of a disease surveillance that was conducted in your community. Identify THREE components you can include in the report. (3 Marks)
2. A health screening for cervical cancer is to take place in XY Community Health Unity. List FOUR target groups for the Pap test. (4 Marks)
3. A Community Health Promoter identified a case of measles during household visits. Record FOUR measures the CHP should implement. (4 Marks)
4. Name FOUR reasons why a Community Health Promoter should report a case of typhoid as soon as it occurs in the community. (4 Marks)
5. You are given data showing a sudden increase in diarrheal cases during the rainy season. Underline THREE possible interpretations you can make from this epidemiological data. (3 Marks)
6. You have been presented with data showing a 50 per cent reduction in malaria cases in your community. Identify FOUR conclusions you can draw from this information. (4 Marks)
7. Record FOUR health interventions that a Community Health Assistant can implement during the outbreak of Bilharzia. (4 Marks)
8. After assessing the health status of a community, you noticed a high prevalence of Rheumatoid Arthritis. List THREE risk factors that can be associated with the health problem. (3 Marks)
9. Underline FOUR environmental factors that a health worker can analyse to understand the health status of a community. (4 Marks)
10. The Azam Community Health Unit is located near a polluted river. Identify FOUR health problems they are likely to suffer from. (4 Mark)
11. Name THREE characteristics of an infectious agent that determine how it causes and spreads disease in the human body. (3 Marks)

SECTION B (60 MARKS)

Answer any THREE questions in this section

12. As the Community Health Assistant, you have been tasked with controlling and preventing the measles outbreak in the Zuma Community Health Unit.

a) Explain FIVE host factors you can address. (10 Marks)

b) Examine FIVE ways an infectious agent can cause a disease in the body. (10 Marks)

13. High cases of breast cancer were reported in County Y. In response, Community Health Assistants were directed to help in mobilizing resources for a population screening.

a) Describe SIX methods you can use to mobilize resources. (12 Marks)

b) Explain FOUR reasons you can involve Community Health Promoters. (8 Marks)

14. Community Health Promoters reported a rise in cervical cancer cases in Huma Community. As the Community Health Assistant, you decided to conduct a needs assessment for population screening.

a) Propose SEVEN demographic information you can collect to determine the necessity of a screening. (14 Marks)

b) Describe THREE factors you can use from the needs assessment to support the justification of population screening. (6 Marks)

15. A case of an unknown disease was diagnosed in our community. An investigation and surveillance of the disease was initiated immediately.

a) Justify FIVE reasons for the surveillance. (10 Marks)

b) Examine FIVE roles of government in the investigation. (10 Marks)