102104T4COH

COMMUNITY HEALTH LEVEL 4

HE/OS/CH/CC/02/4/A

Apply Epidemiology in Community Health Works

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. Which among the following tools is used to refer a person from the community to a hospital?

    A. MoH 100

    B. MoH 105

    C. MoH 514

    D. MoH 615

2. Which notifiable disease is characterized by rapid onset of fever, headache, vomiting and neck stiffness?

    A. Typhoid

    B. Polio

    C. Meningococcal Meningitis

    D. Dracunculiasis

3. Identify from the following a representation of the acronym DHIS?

    A. Direct Hospital Information Services

    B. District Hospital Internal Services

    C. Direct Hospital Information Science

    D. District Health Information System

4. _____is a notifiable disease in Kenya?

    A. Diabetes

    B. Common cold.

    C. Tonsillitis.

    D. Measles.

5. Which of the following is not included in epidemiological disease triangle?

    A. Diseases.

    B. People.

    C. Environment.

    D. Bactria.

6. _____is a measure of frequency.

    A. Prevalence

    B. Risk difference

    C. Rate ratio

    D. Odds ratio.

7. Select from the following a factor to consider while disseminating disease surveillance report?

    A. Availability of print media

    B. Opinion of people

    C. Accuracy

    D. Duration of report presentation

8. Choose from the following tools, an Integrated Disease Surveillance and Response reporting tool?

    A. MoH 105

    B. MoH 505

    C. MoH 514

    D. MoH 100

9. Which of the following is a secondary disease prevention measure?

    A. Early diagnosis and treatment

    B. Environmental sanitation

    C. Vaccination

    D. Health promotion

10. Identify from the following, cold chain equipment used at outreach sites?

    A. Cold box

    B. Vaccine carrier

    C. Ice pack

    D. Freezer

SECTION B: (40 MARKS)

Answer all questions in this section.

11. State THREE levels of disease prevention in the community. (3 Marks)

12. Outline FOUR uses of epidemiology in community health works. (4 Marks)

13. Enumerate THREE platforms used to disseminate screening report to the community?

(3 Marks)

14. Outline THREE methods you can use to collect epidemiological data in the community.

(3 Marks)

15. List FOUR benefits of data analysis in epidemic (4 Marks)

16. Mention FOUR challenges you can face when collecting epidemiological data. (4 Marks)

17. Highlight FOUR stages of the natural history of a disease. (4 Marks)

18. Outline FOUR interventions to control and prevent spread of diseases in your community.

(4 Marks)

19. State THREE factors to consider before embarking on community screening activity.

(3 Marks)

20. Enumerate FOUR host factors that facilitate the disease progression. (4 Marks)

21. State FOUR modes of disease transmission from one person to another in the community.

(4 Marks)

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