



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT (TVET)**

2ND YEAR 1ST SEMESTER 2024/2025 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE: HDC 2213

COURSE TITLE: COMMUNITY-BASED HEALTHCARE AND HIV/AIDS I

TIME: 2 HOURS

Instructions:

- 1. The paper has two sections A and B**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A (40 MARKS)

ANSWER ALL THE QUESTIONS IN THIS SECTION

1. Identify five patients who may need palliative care services in your community (5 marks)
2. Identify the '5 Cs' of HIV testing services recommended by the WHO (5 marks)
3. Identify four characteristics of a chronic disease (4 marks)
4. Highlight four signs and symptoms of malaria (4 marks)
5. Give four reasons why uncircumcised men are at a high risk of contracting HIV (4 marks)
6. Outline three benefits of community-based health care (3 marks)
7. Briefly explain the connection between HIV and TB (3 marks)
8. State two goals of palliative care (2 marks)
9. State three importance of HIV support groups (3 marks)
10. Giving examples, explain two types of disasters that can occur in your community (4 marks)
11. Highlight three factors contributing to non-adherence to antiretroviral by HIV/AIDS patients

SECTION B (60 MARKS)

ANSWER ANY THREE QUESTIONS IN THIS SECTION

12. Mental Health is an important aspect of an individual's well-being.
- Identify four attributes of a good (positive) mental health (4 marks)
 - Briefly explain four factors which can contribute to mental illnesses (4 marks)
 - Discuss six mental health disorders that can occur in your community (12 marks)
13. The Government of Kenya is in the process of rolling out Primary Care Network (PCN) in one of the counties and it has engaged you in the role of Community Health Promoter
- Explain five qualities considered for the appointment of a community health promoter (10 marks)
 - Describe five roles that you will be expected to perform (10 marks)
14. According to Kenya Population Based Impact Assessment 2022 survey, the Kenya's HIV prevalence rate stood at 4.9 % with approximately 29% new infections being among the youth and adolescents.
- Discuss five steps the Kenya government has taken to reduce the spread of HIV (10 marks)
 - Discuss six importance of counselling to HIV/AIDS patients in regards to control and management of the disease (10 marks)
15. Tuberculosis is an infectious airborne disease of public health concern in Kenya.
- Differentiate between latent TB and Active TB infection (2 marks)
 - Explain three factors that determine the probability of TB being transmitted (6 marks)
 - Explain six prevention and control mechanism for TB (12 marks)
16. You have been invited by Bungalo Community as a panelist on their annual disaster management seminar. In respect to this, you are required to;
- Define the term disaster (2 marks)
 - Highlight four risk factors which might increase the vulnerability of Bungalo community to disaster (4 marks)
 - Describe the four phases of disaster management cycle giving examples in each case (12 marks)
 - Identify two problems that might arise in Bungalo Community due to over-dependence on humanitarian post-disaster (2 marks)