



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
COMMUNITY HEALTH AND DEVELOPMENT
1ST YEAR 1ST SEMESTER 2024/2025 ACADEMIC YEAR
MAIN/KISUMU CAMPUS

COURSE CODE:

HCB 2101

COURSE TITLE:
HEALTH

FUNDAMENTALS OF COMMUNITY

EXAM VENUE:LAB 16

STREAM: BSc Public/ Comm. Hlth & Dev

DATE:15/1/25

EXAM SESSION:

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A and 2 questions in Section 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- ANSWER ALL QUESTIONS (30 MARKS)

1. Explain THREE main significance of John Snow's investigation during the 1854 cholera outbreak. (3 mks)
2. Explain the importance of vaccination in modern public health. (3 mks)
3. Describe THREE ways of how poor housing impacts mental health. (3 mks)
4. Explain THREE main importance on relationship between nutrition and public health. (3 mks)
5. Explain the purpose of quaternary prevention in healthcare. (3 mks)
6. Explain THREE ways of how public health can address non-communicable diseases (3 mks)
7. Explain THREE main ways of how global migration impacts public health. (3 miss)
8. Describe THREE objectives of immunization programs: (3 mks)
9. Explain the importance of sanitation during the 19th century. (3 mks)
10. Explain THREE health risks associated with overcrowded housing. ((3 mks)

SECTION B - ANSWER ANY TWO QUESTIONS FROM THIS SECTION

- 1i). Explain FIVE points of how environmental factors influence public health. (10 mks)
- 1ii) Explain the role of public health in controlling infectious disease outbreaks. (10 mks)
- 2i) Explain how environmental control programs help prevent the spread of vector-borne diseases. (10 mks)
- 2ii) Explain FIVE points of how environmental control programs help prevent the spread of vector-borne diseases. (10 mks)
- 3i) Explain FIVE ways of how environmental control programs can contribute to waterborne disease prevention. ((10 mks)
- 3ii) Explain the connection between unsafe water and child health. (10 mks)
- 4i) Explain the impact of tuberculosis on global health. ((10 mks)
- 4ii) Explain FIVE main roles of education in **pening erty**??-related health issues. (10 mks)