



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH OF SCIENCES

**UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT**

YEAR 2 SEMESTER 1 ACADEMIC YEAR 2025/2024

MAIN CAMPUS

COURSE CODE: HDC 2115

TIME: 3 HOURS

**COURSE TITLE: COMMUNITY
HEALTH RESEARCH I**

EXAM VENUE:

EXAM SESSION: SEP-DEC 2024

DATE:

Instructions

- i. Answer ALL questions in **SECTION A** and any other **THREE** in **SECTION B**.
- ii. Candidates are advised not to write on the question paper.
- iii. Candidates must hand in their answer booklets to the investigator in the examination room.

SECTION A: (40 MARKS)

Answer All questions in this section

1. Define the following terms
 - i. Community Health Research (2 Marks)
 - ii. Objective (2 Marks)

2. Differentiate between general and specific objectives (4 Marks)
3. State **FOUR** sources of identifying a health research problem. (4 Marks)
4. Name **FOUR** types of Research (4 Marks)
5. Identify four common mistakes made by researchers when sampling populations for their studies (4 Marks)
6. Highlight **THREE** criteria to be used for selecting a research topic. (3mks)
7. Differentiate between validity and reliability in research. (4 Marks)
8. State **FIVE** characteristics of research objectives. (5 Marks)
9. State four reasons why community health officer should constantly conduct research in their community health units. (4 Marks)
10. Highlight **FOUR** challenges experienced by researchers during data collection when they are in the field. (4 Marks)

SECTION B: (60 MARKS)

Answer THREE questions in this section

11. You're currently working with Bondo Sub-County Hospital as a community health officer. You have been assigned the role of carrying out community health research in this area.
- a) Discuss **FOUR** factors that you may consider before carrying out community health research. (8 Marks)
 - b) Explain **SIX** Importance of carrying out community Health research in this area. (12 Marks)
12. When community health researchers are identifying research problems, they need to consider various factors to ensure that their study is relevant, meaningful, and impactful.
- a) Explain **FIVE** reasons why formulating a research proposal is important. (10 Marks)
 - b) Discuss **FIVE** factors to consider while choosing a research topic. (10Marks)
13. Research studies should be judged ethically on two sets of criteria: ethical principles and ethical rules.
- a) Explain **FOUR** ethical rules a community health researcher should consider before formulating a research proposal. (8 Marks)
 - b) Discuss **SIX** ethical principles a community health researcher should consider before Conducting community health research. (12 Marks)
14. A community health researcher is a professional who identifies community health problems and formulates and writes a research report to find solutions. Discuss components of a research report. (20 Marks)
15. Gobei village has been identified to have high incidences of cholera outbreak after a research study. As a community health officer working with a local government in the area, you have been tasked to analyze and present these research findings.
- a) Explain **FIVE** types of data analysis. (10 Marks)
 - b) Describe the **FIVE** benefits of data analysis. (10 Marks)