



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH OF SCIENCES

UNIVERSITY EXAMINATION FOR COMMUNITY HEALTH AND DEVELOPMENT

YEAR 2 SEMESTER 2 ACADEMIC YEAR 2024/2025 MAIN CAMPUS

COURSE CODE: HDC 2214

DATE:

**COURSE TITLE: MANAGEMENT OF
COMMUNITY HEALTH
INFORMATION SYSTEMS II**

TIME: 2 HOURS

**STREAM: DIP. COMMUNITY
HEALTH & DEVELOPMENT**

EXAM VENUE:

EXAM SESSION: SEP-DEC 2024

Instructions

1. **ANSWER QUESTION ONE AND ANY OTHER THREE IN SECTION B.**
2. Candidates are advised not to write on the question paper.
3. Read all questions carefully before answering.
4. **EXAM IRREGULARITIES ARE HIGHLY PUNISHABLE**
5. Answer all questions in a clear and concise manner.
6. Use relevant examples where applicable.
7. Candidates must hand in their answer booklets to the invigilator while in the examination room.

SECTION A: (40 MARKS)

Attempt ALL questions in this Section

QUESTION ONE

- a) Define the following terms
 - i. Community Health Information Systems (2 Marks)
 - ii. District Health Information System (DHIS-2) (2 Marks)
 - iii. Kenya Master Health Facility List (KMHFL) (3 Marks)
 - iv. Community (2 Marks)
 - v. Community health unit (3 Marks)
- b) State **FIVE** MOH tools community health workers use in collecting community health information/data (5 Marks)
- c) Identify and describe **THREE** types of data collected through Community Health Information Systems (6 Marks)
- d) State **SIX** stakeholders/players key in the community who can influence community health information system data (6 Marks)
- e) Highlight **THREE** components of MASTER FACILITY LIST. (6 Marks)
- f) Highlight components of Community Health unit. (5 Marks)

SECTION B: (60 MARKS)

Choose THREE questions in this Sections

QUESTION TWO

- a) Identify and describe characteristics of quality data in community health information system (10 Marks)
- b) Explain the challenges faced in implementation of community health information system (10 Marks)

QUESTION THREE

- a) Community health promoter (CHP) is key personnel in implantation of CHIS. State and explain **FIVE** trickers for selection of CHP (10 Marks)
- b) Describe the roles of community health promoter (10 Marks)

QUESTION FOUR

Community health information system categorizes data into health indicators which are found in MOH tools e.g. MOH 515 to strengthen its implementation and priority setting during decision making. Identify and explain the health indicators mentioned in the tools. (20 Marks)

QUESTION FIVE

- a) The **Community Health Assistant (CHA)** plays a vital role in the successful implementation and operation of a **Community Health Information System (CHIS)**. Discuss the roles of community health assistant in respect to the above statement. (10 Marks)
- b) Discuss the importance of CHIS in the health care environment. (6 Marks)

QUESTION SIX

Discuss the ethical implications of collecting and storing personal health data in a Community Health Information System. How can privacy and data security concerns be addressed while ensuring that the data is accessible for public health purposes? (20 Marks)

THE END OF EXAMINATION