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(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

MAIN EXAM

2023/2024 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER EXAMINATION

FOR THE DEGREE OF BACHELOR OF SCIENCE IN COMMUNITY HEALTH AND
DEVELOPMENT

COURSE CODE: HCD 415

COURSE TITLE: COMMUNITY HEALTH INFORMATION SYSTEM

DATE: 7/8/2023

TIME: 2.00-4.00 PM

INSTRUCTIONS TO CANDIDATES: ANSWER ALL QUESTIONS IN SECTION A, AND
ANY TWO IN SECTION B

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

Paper Consists of 2 Printed Pages. Please Turn Over



Section A: Answer ALL questions (40 marks)

10 short answer questions each 4 marks.

1. a) Define Community Health Information System (CHIS) [1 Mark]
b) Identify and explain three natures of CHIS [3 Marks]
2. Distinguish between the two levels of conducting a CHIS assessment [4 Marks]
3. Using a diagram explain the CHIS information cycle [4 Marks]
4. State four challenges of using e-CHIS in Kenya [4 Marks]
5. Identify and explain two best practices to consider for successful implementation of community action plans [4 Marks]
6. List four characteristics of a good CHIS [4 Marks]
7. State four benefits of data storytelling as a strategy for promoting data use in the community [4 Marks]
8. List four Characteristics of a sustainable CHIS [4 Marks]
9. Distinguish between the demand side and supply side in improving the CHIS [4 Marks]
10. Enumerate the roles of community health volunteers in the provision of community health services [4 Marks]

Section B: Answer ANY 2 questions (30 marks)

Long Essay questions each question is 15 marks.

1. In detail describe five main data collection and reporting tools used by the level 1 workforce in Kenya in collecting and compiling health information [15 Marks]
2. By use of the information triangle, describe the three levels of use of community health information [15 Marks]
3. Discuss how the Prism Framework can be applied to implement a sustainable CHIS [15 Marks]