



"Investing in Africa's Future"

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

DEPARTMENT OF PUBLIC HEALTH AND NURSING(BHSM)

NSHS204: RESEARCH METHODS AND ETHICS IN HEALTH CARE

END OF SECOND SEMESTER EXAMINATIONS

MAY/JUNE 2023

LECTURER: MR. E. CHIKAKA

DURATION: 3 HOURS

INSTRUCTIONS

ANSWER **ALL** QUESTIONS IN SECTION A AND ANY **THREE (3)** FROM SECTION B

THE MARK ALLOCATION FOR EACH QUESTION IS INDICATED AT THE END OF THE QUESTION

CREDIT WILL BE GIVEN FOR LOGICAL, SYSTEMATIC AND NEAT PRESENTATION

EACH QUESTION SHOULD START ON A FRESH PAGE

SECTION A ANSWER ALL QUESTIONS

[40 marks]

QUESTION 1

- a.) What do you understand by research? [3]
- b.) Explain the significance of health research in the achievement of sustainable health your country. [7]

QUESTION 2

- a.) What do you understand by 'ETHICS' as used in health research? [3]
- b.) List and explain the principles of ethics in health research. [7]

QUESTION 3

Describe the layout or format of a research report [10]

QUESTION 4

Discuss the methods for analysing data in quantitative studies. [10]

SECTION B ANSWER ANY THREE (3) QUESTIONS

[60 marks]

QUESTION 5

- a. What are the main differences between quantitative and qualitative research at each step in the eight-step research process model? [10]
- b. List and explain any five (5) methods of analysing data that you have learnt [10]

QUESTION 6

- a. What should be included in a research proposal? Why? Explain with the help of an example in your area of specialization [15]
- b. Assess the role of statistics for a study in your area of interest. [5]

QUESTION 7

- a. Review of related literature is the most important part of any research. Discuss and explain how a researcher does a review of related literature and the sources available. [10]
- b. Ethical issues may arise at any point in the research process. Reflecting on the principles of ethics in health research, make a list of ethical issues that you think should be considered at each step in the eight-step research process model. [10]

QUESTION 8

- a. Discuss the relative merits and demerits of any four methods of collecting data from the field in your area of specialization and how covid -19 pandemic has impacted on research. [10]
- b. "A researcher has to work as a judge and derive the truth and not as a lawyer who is only eager to prove his case in favour of his plaintiff." Discuss the statement pointing out the objectives of research. [10]