



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS 2022/2023 ACADEMIC YEAR THIRD YEAR FIRST TRIMESTER

SCHOOL OF PURE, APPLIED AND HEALTH SCIENCES BACHELOR OF SCIENCE IN NURSING

COURSE CODE: NUR 3106 COURSE TITLE: RESEARCH NURSING

DATE: 21/4/2023

TIME: 1430-1630 HRS

INSTRUCTION TO CANDIDATES

Section A: Multiple Choice Questions. Answer ALL Questions

Section B: Short Answer Questions. Answer ALL Questions

Section C: Long Answer Questions. Answer Question ONE and any other ONE question.

This paper consists of 6 printed pages. Please turn over.

PART A: MCQ 20 MARKS, ALL QUESTIONS ARE COMPULSORY

1. A nurse researcher is conducting a quantitative study to determine protocols for triaging patients in the emergency department. Which term is generally associated with this type of research?
 - A. Phenomena
 - B. Subject
 - C. Pattern of association
 - D. Inductive reasoning

2. In quantitative studies you analyze the data through statistical analysis. Which action would be performed first when designing and planning a quantitative study?
 - A. Developing intervention protocols
 - B. Identifying the population
 - C. Designing the sampling plan
 - D. Formulating a research design

3. The principle of justice ensures a research subject right to:
 - A. Self-determination
 - B. Full disclosure
 - C. Protection from harm
 - D. Privacy

4. The statement of purpose for a qualitative study would include:
 - A. Identification of the key study variables
 - B. Suggestions for the research tradition
 - C. Indication of the population of interest
 - D. Identification of the relationship among variable

5. Mrs. Kwemboi is writing her daily observations of a student and writes, without interpretation, that the student is not completing the class work and is constantly speaking out of turn. Which of the following objectives does she appear to be using?
 - A. Prediction
 - A. Description
 - B. Explanation.
 - C. Exploration

6. The following is a form of research typically conducted by teachers, counselors, and other professionals to answer questions they have and to specifically help them solve local problems?
 - A. Action research
 - B. Basic research
 - C. Predictive research
 - D. Orientational research

7. What aspect of nursing research is the responsibility of all practicing nurses?
- Conducting research on client outcomes
 - Conducting studies on the characteristics of practicing nurses
 - Conducting research on cost-effective nursing in hospital settings
 - Keeping up-to-date on research relevant to their practice
8. In experimental research, as a nurse there must be an essential activity wherein the participants of the study will be able to understand the whole experimental design. This term is called:
- Desensitization
 - Experimental Proper
 - Research Proper
 - Debriefing
9. In starting a focused group discussion, Nurse Dina wants to stress out the confidentiality of the topics that they will be discussing. Which of the following instruction convey confidentiality?
- “This discussion should not only be confined within this group of people. Any information discussed should be told publicly.”
 - “This discussion should only be confined within this group of people. Any information discussed should not be told publicly.”
 - “This discussion should not be confined within this group of people. Any information discussed should not be told publicly.”
 - “This discussion should only be confined within this group of people. Any information discussed should be told publicly.”
10. The following is not a null hypothesis?
- There is no relationship between the level of knowledge and practice of prevention of needle prick injuries
 - There is no relationship between the practice of prevention of needle prick injuries and the sociodemographic profile of staff nurses
 - There is a significant relationship between the knowledge and sociodemographic profile of staff nurse
 - There is a relationship between the profile of a staff Nurse and the socialdemograh
11. Using the Research perspective, when is the time that a nurse makes inferences?
- Define the purpose of review of literature
 - Formulate a problem, define variables
 - . Select design sample
 - Report findings

12. These are the purpose of Review of Related Literature except:
- A. Reveal investigations
 - B. Reveal sources of data
 - C. Reveal what is the problem
 - D. Reveal the significant research personalities
13. As a nurse, you know the following functions of theoretical framework, except:
- A. Specifies relationship among the concepts
 - B. Give a graphic view of the data
 - C. Clarifies the concept on which the study is built
 - D. Assumptions
14. Using statistics in nursing research is a very vital tool in presenting the data. As a nurse, you know the definition of sampling as:
- A. Taking certain areas of the population dividing the areas into sections
 - B. process of selecting a portion of the population to represent the entire population
 - C. Using every Nth name from the list of participants
 - D. Taking any sample as long as it comes up with the quota
15. As a **nurse educator**, you want to know the reasons behind the leave of absence of student nurses. These tools can be used except?
- A. Interview
 - B. Records
 - C. Pre-Test & Post-Test
 - D. Questionnaire
16. What will help to systematically organize thoughts and ideas and outline activities before time, money, and efforts are invested? The development of the research
- A. Tools.
 - B. Plan.
 - C. Hypothesis.
 - D. Variables
17. The choice of data analysis tools depends on the research design and
- A. The research methodology.
 - B. Funds available.
 - C. Preferences of the researcher.
 - D. Preference of the Sponsor

18. These are variables that are not under the control of the experimenter, which make it difficult to isolate cause and effect because they vary systematically from the independent variable, are called
- A. Confounding variables.
 - B. Extraneous variables.
 - C. Contradictory variables.
 - D. Both Confounding and Extraneous variables
19. By concurrently addressing multiple perspectives during all phases of the Research, the team can establish alignment between design interventions, the budget, and the
- A. Vision.
 - B. Community of users.
 - C. Plan.
 - D. Outcome of the research
20. The following is an example of a primary source in a research study
- A. A published commentary on the findings of another study
 - B. A doctoral dissertation that critiques all research in the area of attention deficit disorder
 - C. A textbook of medical-surgical nursing
 - D. A journal article about a study that used large, previously unpublished databases generated by the United States census

SECTION B: SHORT ESSAY ANSWER QUESTIONS (20 MARKS)
ANSWER ALL QUESTIONS

1. Explain three **(3)** ethical issues related to research **(6 Marks)**
2. State two **(2)** Advantages of Lottery sampling **(4 Marks)**
3. Explain three importance of Research Nursing **(6 Marks)**
4. Describe four **(4)** sources of research Nursing **(8 Marks)**
5. Outline four (4) comparative characteristics between Quantitative and Qualitative research **(8 Marks)**
6. Explain four (4) Major elements of research Nursing **(8 Marks)**

SECTION C: LONG ESSAY ANSWER QUESTIONS: ANSWER TWO QUESTIONS, QUESTION ONE IS COMPULSORY. (40 MARKS)

1. A community Health Nurse working in Limanet location, Narok County, wants to determine the prevalence of malnutrition among under 5 children in the location. Assuming a sample of 3000 children is required.
 - a) Explain the sampling technique he should use to select the study subjects. **(4 Marks)**
 - b) Outline the procedures (steps) she should follow in selecting these subjects. **(8 Marks)**
 - c) Discuss four **(4)** limitations of the chosen sampling technique he chose **(8 Marks)**

2. Descriptive studies may be defined as studies that describe the patterns of disease occurrence and other health-related conditions by *person, place* and *time*.
 - a) Other than descriptive studies, describe three **(3)** other study designs that you know **(6 Marks)**
 - b) Explain three **(3)** limitations of the cohort study design **(6 Marks)**
 - c) Discuss four **(4)** comparisons between descriptive and basic research designs **(8 Marks)**

3. Data collection is one of the major steps in Nursing process.
 - a) Explain four **(4)** importance of combining different data-collection techniques in Nursing research process **(8 Marks)**
 - b) Discuss the six **(6)** steps of conducting a focus group discussion **(12 Marks)**

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