

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THIRD YEAR EXAMINATION FOR BACHELOR OF SCIENCE IN NURSING

NURS 394: RESEARCH METHODOLOGY IN NURSING PRACTICE

STREAMS: B.Sc Nursing (Y2 S2)

TIME: 2 HOURS

DAY/DATE: TUESDAY 6 /07/ 2021

11.30 AM – 1.30 PM

INSTRUCTIONS:

1. Answer **ALL** questions
2. Do not write anything on the question paper
3. This is a **closed book exam**, No reference materials are allowed in the examination room
4. There will be **No** use of mobile phones or any other unauthorized materials
5. Write your answers legibly and use your time wisely

Part I: Multiple Choice Questions (20 Marks)

1. A written account of the research study that presents describes how a particular problem will be investigated is;
 - a. Project
 - b. Methodology
 - c. Design
 - d. Proposal

2. The purpose of comparative design is to;
 - a. Describe a phenomena as it occurs in the community
 - b. Look for differences in one variable between two groups
 - c. Establish two causal relationships between two variables
 - d. Measure the extent one variable makes changes in another

3. Data collection tools include;
 - a. Observation checklist, focus group discussion
 - b. Questionnaire, interviewing
 - c. Records audit, participant observation
 - d. Questionnaire, observation checklist
4. The average of a set of scores is called the;
 - a. Median
 - b. Percentage
 - c. Mode
 - d. Mean
5. A research question;
 - a) Examines the characteristics of variables
 - b) States which variables are to be manipulated
 - c) Focuses on what relationship might exist among variables
 - d) Focuses on the pattern for conducting an investigation
6. In data collection, the term reliability refers to;
 - a) The promptness of the study subjects
 - b) Extent to which tools collect the intended data
 - c) Stability of the data collected
 - d) The independence of the study investigators
7. The examination scores for students are as follows:
76, 54, 45, 92, 88, 47, 54. The range would be;
 - a) 45
 - b) 54
 - c) 47
 - d) 92
8. A sampling method where the researcher picks every n^{th} number is;
 - a) Snowball sampling
 - b) Stratified sampling
 - c) Systematic sampling
 - d) Purposive sampling
 1. Mode is defined as;
 - a) Value of middle item of a frequency distribution
 - b) Average value of all items of a frequency distribution
 - c) Value each item would have if the total of all values were shared equally
 - d) Value which occurs most frequently in a set of figures

9. A nurse researcher categorised nurses in hospital X according to their cadre and then selected the study sample from each category. This sampling technique is referred to as;
- Quota sampling
 - Cluster sampling
 - Stratified sampling
 - Purposive sampling
10. The logical order for a research report is;
- Abstract , title, introduction, literature review, methodology, results, discussion
 - Title, abstract, introduction, literature review, methodology, results, discussion
 - Introduction, title, abstract, literature review, methodology, results, discussion
 - Title, abstract, introduction, literature review, methodology, discussion, results
11. The predictable relationship between variables in a research study is known as ,
- Validity
 - Reliability
 - Hypothesis
 - Objectivity
12. Research that is aimed at only generating new knowledge is referred to as;
- Academic research
 - Quantitative research
 - Basic research
 - Operational research
13. “Use of simulation method of teaching improves student’s performance”. The independent variable in this statement would be;
- Teaching
 - Student’s performance
 - Simulation
 - d. Improves performance**
14. Anonymity in research is aimed at:-
- Preventing disclosure of privileged information
 - Conferring protection to the source of information
 - Selectively disclosing information to specific individuals
 - Keeping names of respondents only known to the research supervisor
15. The problem statement in a research proposal should include:-
- The background of the study
 - An outline of the study subjects
 - The magnitude of the issue under study
 - The benefits the study shall contribute against challenges

16. The Hawthorne effect is as a result of:-
- a) A researcher lacking expertise to analyse data
 - b) Study subjects being aware they are participating in a study
 - c) Study tools being disclosed to non study subjects
 - d) Respondents not completing the interview schedule
17. The study design that is appropriate in observing the behavior changes of drug addicts under rehabilitation is:-
- a) Retrospective study design
 - b) Longitudinal design
 - c) Prospective study design
 - d) Cross-sectional design
18. The most appropriate method of studying characteristics of wound healing would be:-
- a) Questionnaire
 - b) Participants' observation
 - c) Pure observation
 - d) Context analysis
19. The statement of justification of the study should show:-
- a) The aims of the study
 - b) The limitations of the study
 - c) Why the study is worth doing
 - d) What is known about the study
20. Exploratory research mainly involves:-
- a) Testing an hypothesis to develop a theory
 - b) Establishing casual relationships between variables
 - c) Investigating the full nature of a phenomenon
 - d) Predicting and controlling variables

Part two: Short Answer Questions (50 Marks)

- 1. Outline four (4) probability sampling methods. (4 marks)
- 2. Identify five (5) sources of research problems. (5 marks)
- 3. Explain four (4) ways in which ethical principles can be violated during research

(8marks)

4. State four (4) advantages of interview as a data collection method. (4 marks)
5. State four (4) characteristics of quantitative research. (4 marks).
6. State five (5) advantages of using a questionnaire as a tool for data collection (5 marks)
7. Outline five (5) reasons why literature review is important when writing a research proposal. (5 marks)
8. State five (5) qualities of a good research report. (5 marks)
9. State three (3) characteristics of a true experiment. (3 marks)
10. List six (6) ways of disseminating research studies . (3 marks)
11. State four (4) sources of literature for research studies. (4 marks)

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