

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF SCIENCE IN NURSING**

NURS 394: RESEARCH METHODOLOGY IN NURSING

STREAMS: BSC (NURS) (Y3S1)

TIME: 2 HOURS

DAY/DATE: FRIDAY 07/12/2018

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- Do not write anything on the question paper
- Mobile phones and any other reference materials are **NOT** allowed in the examination room
- The paper has Two parts. All questions are compulsory
- Number **ALL** your answers and indicate the order of appearance in the space provided in the space provided in the cover page of the examination answer booklet
- All your answers for section I (MCQs) should be on one page
- Write your answer legibly and use your time wisely

PART I: MULTIPLE CHOICE QUESTIONS (20 MARKS)

1. A written account of the research study that 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

NURS 394

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) Media
 - (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
 - (b) Stratified
 - (c) Systematic
 - (d) Purposive

NURS 394

9. A nurse researcher categorized nurses in hospital X according to their cadre and then selected the study sample from each category. This sampling technique is referred to as;
- (a) Quota
 - (b) Cluster
 - (c) Stratified
 - (d) Purposive
10. The logical order for a research report is;
- (a) Abstract, title, introduction, literature review, methodology, results, discussion
 - (b) Title, abstract, introduction, literature review, methodology, results, discussion
 - (c) Introduction, title, abstract, literature review, methodology, result, discussion
 - (d) Title, abstract, introduction, literature review, methodology, discussion, results
11. The predictable relationship between variables in a research study is known as
- (a) Validity
 - (b) Reliability
 - (c) Hypothesis
 - (d) Objectivity
12. Research that is aimed at only generating new knowledge is referred to as;
- (a) Academic research
 - (b) Quantitative research
 - (c) Basic research
 - (d) Operational research
13. “Use of simulation method of teaching improves student’s performance”. The independent variable in this statement would be;
- (a) Teaching
 - (b) Student’s performance
 - (c) Simulation
 - (d) Improves performance

14. Anonymity in research is aimed at:-
- (a) Preventing disclosure of privileged information
 - (b) Conferring protection to the source of information
 - (c) Selectively disclosing information to specific individuals
 - (d) Keeping names of respondents only known to the research supervisor
15. The problem statement in a research proposal should include:-
- (a) The background of the study
 - (b) An outline of the study subjects
 - (c) The magnitude of the issue under study
 - (d) 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 behaviour 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 causal relationship 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 [8 marks]
 - 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 evidence for research studies [4 marks]
-