

# 2025

Full Marks - 75

Time - As in the Programme

*The figures in the right hand margin indicate marks.*

Nursing Research (Marks - 55)

1. What do mean by research problem ? Identify the difference sources of research problem and the discuss the factors affecting in selection of research problems. Enumerate the steps of formulation of research problem. [2+4+4+5=15]
2. a. List down different types of research design.[5+10  
b. Explain true experimental research design in detail  
OR  
a. Enumerate the methods of data collection [5+10  
b. Explain in detail about interview technique.
3. Write notes on any TWO of the followings [2x5=10  
a. Sources of Review of Literature  
b. Nonprobability sampling  
c. Pilot study  
d. Research objective
4. Short answers on any THREE : [3 x 2 = 6  
a. List types of qualitative research design  
b. List the types of assumption

[ 2 ]

- c. Importance of research in nursing  
d. Define variables.  
e. List the types of research reports
5. Multiple choice questions : [9 x 1  
I. In which type of interview will questions not be stated specifically in a fixed list ?  
a. Unstructured  
b. Structured  
c. There isn't enough information to predict  
d. Both a and b  
II. Research hypotheses are \_\_\_\_\_.  
a. Formulated prior to a review of the literature  
b. Statements of predicted relationships between variables  
c. Stated such that they can be confirmed or refuted  
d. b and c  
III. Which of the following is not a type of reliability ?  
a. Test-retest  
b. Split-half  
c. Content  
d. Internal consistency  
IV. Which of these is not a method of data collection.  
a. Questionnaires  
b. Interviews  
c. Experiment  
d. Observations  
V. Secondary / existing data may include which of the following ?  
a. Official documents  
b. Personal documents  
c. Archived research data  
d. All of the above

[ Cont...

- VI. When each member of a population has an equally likely chance of being selected, this is called :
- A nonrandom sampling method
  - A quota sample
  - A snowball sample
  - probability sampling method
- VII. \_\_\_\_\_ are boundaries that are set by the by the researcher in order to control the range of a study.
- Delimitations
  - Hypothesis
  - Variables
  - objectives
- VIII. When there is manipulation but lack of at least one of the two other properties like randomization or control group is called
- Experimental research design
  - Quasi Experimental research design
  - Descriptive research design
  - Time series design
- IX. In which qualitative research approach is the primary goal to gain access to individuals' inner worlds of experience ?
- Phenomenology
  - Ethnography
  - Grounded theory
  - Case study

### STATISTICS (Marks - 20)

(Answer all questions)

6. Write notes on any two of the followings. [2x5=10]
- Normal Probability curve
  - Types of co-relation
  - Find out mean , median & mode of following data  
13, 11, 12, 8, 9, 5, 10, 13, 15, 6, 7, 13,

7. Short answers on followings : [3 x 2 = 6

- a. Define Data
- b. Enlist types of graphs
- c. Four guidelines tabulation

8. Multiple choice questions : [1 x 4

I. Assigning numerals or other symbols to the categories or response is called

- |                  |               |
|------------------|---------------|
| a. Coding        | b. Editing    |
| c. Transcription | d. Tabulation |

II. Which instrument is used to measure an attribute of degree of consistency or dependability ?

- |                    |                |
|--------------------|----------------|
| a. Research design | b. Sampling    |
| c. Validity        | d. Reliability |

III. Average that is used as the central tendency

- |           |                       |
|-----------|-----------------------|
| a. Mode   | b. Standard deviation |
| c. Median | d. Mean               |

IV. The degree to which two or more independent judges are in agreement about ratings or observations of events or behaviors.

- a. Inter-rater reliability
- b. Intra-rater reliability
- c. Parallel Forms Reliability
- d. Stability Reliability

