

QP Code: 216011

Reg. No:

Second Year Post Basic B.Sc Nursing Degree Regular/Supplementary Examinations January 2024

**Introduction to Nursing Research & Statistics
(2016 Scheme)**

Time: 3 hours

Max. Marks: 75

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw diagrams wherever necessary • Answer Section A and Section B in same answer book
- The use of a simple calculator is allowed, but using scientific calculator or sharing any calculator is strictly prohibited under any circumstance.

Section A – Nursing Research

**Marks: 50
(2x7=14)**

Short Essays:

1. Describe the points to be followed while writing a research report
2. Describe the types of qualitative research design with suitable examples

Short Notes:

(4x5=20)

3. Steps of research process
4. Importance of nursing research
5. Pilot study
6. Criteria of a good research problem

Differentiate between:

(4x4=16)

7. Differentiate between Experimental and Quasi- Experimental Design.
8. Descriptive and Inferential statistics with an example
9. Questionnaire and a Likert scale
10. Validity and Reliability

Section B: Statistics

Marks: 25

11. The following data given below represents the HbA1C levels of 100 children.
Calculate the mean, median, mode and standard deviation for the given data. (6)

HbA1C (%)	6-8	8-10	10-12	12-14	14-16	16-18
Frequency	2	12	20	40	20	6

Short Notes:

(2x5=10)

12. Graphical presentation of data
13. Uses of statistical package and electronic mail

Answer Briefly:

(3x3=9)

14. Guidelines of representing data in a tabular form
15. Probability sampling techniques.
16. Scales of measurement
