

Third Year B.Sc Nursing Degree Supplementary Examinations
September 2023
Nursing Research and Statistics
(2016 Scheme)

Time: 3 Hrs**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 table/diagrams/flow charts wherever necessary*

Nursing Research**Max. Marks: 50****(2x7=14)****Short essays**

1. Discuss in detail the steps of research process
2. Explain the characteristics of true experimental design with examples

Short notes**(4x5=20)**

3. Pilot study
4. Different methods of literature review
5. Uses of conceptual model in research
6. Types of Validity

Differentiate between**(4x4=16)**

7. Operational definition – Conceptual definition
8. Quantitative research designs – Qualitative research designs
9. Probability sampling – Non-probability sampling
10. Verbal research report – Written research report

Statistics**Max. Marks: 25****Statistical Calculation****(7)**

11. The Mid-arm circumference (in cm) of 13 infants is given below. Calculate the Mean, Median and Standard Deviation:

13	11	10	12	13	14	9	12	13	11	12	14	10
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Short notes**(6x3=18)**

12. Bar diagram
13. Scales of measurement
14. Uses of statistics
15. Mode
16. Chi-square Test
17. Application of Statistical Packages
