

## **2010 Scheme**

**Q.P. CODE: 304010**

**Reg. No: .....**

### **Third Year B.Sc Nursing Degree Supplementary Examinations January 2025 Nursing Research and Statistics**

**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*
- *The use of a simple calculator is allowed, but using scientific calculator or sharing any calculator is strictly prohibited under any circumstance.*

#### **Essays**

**(15)**

1. Explain the experimental research designs with suitable examples

#### **Short Notes**

**(5x5=25)**

2. Steps of scientific method
3. Sources of review of literature
4. Types of validity of a research instrument
5. Non-Probability sampling techniques
6. Biophysiological method of data collection

#### **Answer the following**

**(5x5=25)**

7. Graphical presentation of data
8. Pilot study
9. Communication of research findings
10. Application of statistical packages in nursing
11. Need of nursing research

#### **Differentiate between**

**(5x2=10)**

12. Nominal and Ordinal data
13. Type I and Type II error
14. Mean and Standard Deviation
15. Random sampling and Systematic sampling
16. Association and Correlation

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