

**Second Year Post Basic B.Sc Nursing Degree Regular/Supplementary
Examinations March 2022**

**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*

Section A – Nursing Research

Marks: 50

Short Essays:

(2x7=14)

1. Explain experimental research designs with examples
2. Discuss the non-probability sampling methods with examples

Short Notes:

(4x5=20)

3. Qualities of objectives
4. Types of validity
5. Steps of scientific research
6. Sources of review of literature

Differentiate between:

(4x4=16)

7. Communication of research findings and Utilization of research findings
8. Directional hypothesis and Non-directional hypothesis
9. Self-report and Interview
10. Population and Sample

Section B: Statistics

Marks: 25

11. Following are the marks obtained by 11 students in microbiology. Calculate quartiles and inter-quartile range

(6)

34 47 10 15 24 20 11 19 50 28 37

Short Notes:

(2x5=10)

12. Measures of central tendency
13. Chi-square test

Answer Briefly:

(3x3=9)

14. Degree of freedom
15. Types of t-tests
16. Uses of vital statistics
