

QP Code: 216011

Reg. No:

**Second Year Post Basic B.Sc. Nursing Degree Supplementary
Examinations March 2020**

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. Discuss the steps of selecting a research problem
2. Explain the different types of qualitative research

Short Notes:

(4x5=20)

3. Likert scale
4. Critiquing research
5. Quasi experimental design
6. Operational definition

Differentiate between:

(4x4=16)

7. Experimental and quasi experimental design
8. Simple random and stratified random sampling
9. Assumption and hypothesis
10. Interview schedule and questionnaire

Section B: Statistics

Marks: 25

11. Systolic BP of 10 patients are given below. Calculate the Mean and S D. **(6)**
130, 110, 160, 120, 170, 120, 150, 140, 160, 140

Short Notes:

(2x5=10)

12. Descriptive statistics
13. Scales of Measurement.

Answer Briefly:

(3x3=9)

14. Bar diagram
15. Confidence interval
16. Co-efficient of correlation
