

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

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