

Q.P. CODE: 314010

**Third Year B.Sc Nursing Degree Regular/Supplementary Examinations**  
**July 2021**  
**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 essay**

1. Explain quasi experimental research designs
2. Describe non probability sampling techniques

**Short notes**

(4x5=20)

3. Characteristics of good research.
4. Purposes of review of literature.
5. Self-report as method of data collection.
6. Preparation of quantitative data for analysis.

**Differentiate between**

(4x4=16)

7. Operational definition – conceptual definition
8. Factorial design – randomised block design
9. Simple random sampling – stratified random sampling
10. Research report – scientific article (Dissertation – Manuscript)

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**Statistics**

Max. Marks: 25

**Statistical Calculation**

(7)

11. The following are the weight of 240 students. Calculate mean and standard deviation

Weight (in Kg)	60-61	61-62	62-63	63-64	64-65	65-66	66-67
Frequency	10	20	45	50	60	40	14

**Short notes**

(6x3=18)

12. Definition and uses of statistics
13. Bar diagram
14. Class interval table
15. 'Z' test
16. Paired 't' test
17. Use of computers in statistics

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