

**Third Year B.Sc Nursing Degree Regular Examinations October 2019**  
**Nursing Research and Statistics**  
**(2016 Scheme)**

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

**Nursing Research**  
**Short essays**

**Max. Marks: 50**  
**(2x7=14)**

1. Explain the types of validity
2. Explain quantitative research designs

**Short notes**

**(4x5=20)**

3. Scales of measurement
4. Types of hypotheses
5. Literature review.
6. Survey approach

**Differentiate between**

**(4x4=16)**

7. Independent and dependent variable
8. Limitation and delimitation
9. Phenomenology and ethnography
10. Communication of research findings and utilization of research findings

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**Statistics**

**Max. Marks: 25**

**Statistical Calculation**

**(7)**

11. Draw histogram for the following data set:

Class Interval	Frequency
10 - 15	23
>15 - 20	28
>20 - 25	29
>25 - 30	14
>30 - 35	10
>35 - 40	6

**Short notes**

**(6x3=18)**

12. Chi-square test
13. Standard deviation
14. Types of graphs
15. Ordinal scale
16. Frequency distribution
17. Characteristics of mean

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