

**Q.P. CODE: 304010****Reg. No: .....****Third Year B.Sc Nursing Degree Examinations October 2017****Nursing Research and Statistics****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Use Only Ordinary Calculator

**Essays****(15)**

1. Enumerate the steps of research process of quantitative study. Explain purposes of review of literature. (10+5)

**Short Notes****(5x5=25)**

2. Criteria of good research problem
3. Characteristics of good sampling
4. Characteristics of experimental design
5. Observation checklist
6. Cumulative frequency curve or ogive

**Answer the following****(5x5=25)**

7. Following data gives the educated and uneducated boys and girls in 10-15 age group of a rural area. Draw a table of frequency distribution: boys 50 educated and 15 uneducated, girls 10 educated and 65 uneducated
8. Standard deviation(SD)
9. Range
10. Normal probability curve
11. Utilization of research findings

**Differentiate between****(5x2=10)**

12. Mean and median
13. Validity and reliability
14. Likert type scale and semantic differential scale
15. Probability and nonprobability sampling
16. Descriptive & inferential statistics

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