

**Q.P. CODE: 304010**

**Reg. No: .....**

**Third Year B.Sc Nursing Degree Examinations, October 2015**

**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 and explain the conceptual phase of research

**(9+6=15)**

**Short Notes**

**(5x5=25)**

2. Purposes of research
3. Questionnaires
4. Probability sampling
5. Types of reliability
6. Graphical representation of data

**Answer the following**

**(5x5=25)**

7. Following are the marks of 15 individuals in physiology: 70,75,82,90,58, 92, 72, 68, 85, 80, 50, 65, 73, 95, 82. Compute mean and median
8. Importance of research report
9. Pre experimental design
10. Characteristics of normal probability curve
11. Sources of review of literature

**Differentiate between**

**(5x2=10)**

12. Qualitative and quantitative data
13. Hypothesis and research question
14. Descriptive statistics and inferential statistics
15. Interview and observation checklist
16. Median and mode

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