

**Q.P. CODE: 304010**

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

**Third Year B.Sc Nursing Degree Examinations, October 2013**

**Nursing Research and Statistics**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays**

**(15)**

1. Describe different steps in research process.

**Short Notes**

**(5x5=25)**

2. Research problem
3. Analysis of data
4. Types of sampling
5. Methods of data collection
6. Establishing validity of tool

**Answer the following**

**(5x5=25)**

7. Find out the arithmetic mean and standard deviation of protein intake of 110 families.

| <b>Protein intak/day(in gms)</b> | <b>No. of families</b> |
|----------------------------------|------------------------|
| 15-25                            | 30                     |
| 25-35                            | 40                     |
| 35-45                            | 30                     |
| 45-55                            | 10                     |
| Total                            | 110                    |

8. Normal curve
9. Experimental research.
10. Writing research report
11. Review of literature

**Differentiate between**

**(5x2=10)**

12. Limitations and de-limitations
13. Bar diagram and histogram
14. Historical research and survey design
15. Skewness and kurtosis
16. Research design and research approach

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