

**Q.P. CODE: 304010****Reg. No:****Third Year B.Sc Nursing Degree Supplementary Examinations, – May 2016****Nursing Research and Statistics****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Use Only Ordinary Calculator

Essays**(15)**

1. Define nursing research. Briefly describe the steps of nursing research process and the need for nursing research. (2+8+5=15)

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

2. Any five difference between qualitative and quantitative research methods
3. Source of literature review
4. Interview method in data collection
5. Types of hypothesis
6. Preparation of research report

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

7. Scales of measurement
8. Draw a frequency polygon using the data

Age in Years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Number of patient	6	25	25	20	16	12	10

9. Properties of Normal probability curve with relevant diagram
10. Calculate the mean and standard deviation for the following cholesterol values
200, 220, 240, 260, 280, 300, 250, 270
11. Communication of research findings.

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

12. Population and Sample.
13. Validity and Reliability
14. Simple random and Stratified random sampling
15. Hypothesis and Assumption
16. Questionnaire and Rating scale

