

Q.P. CODE: 304010

Reg. No:

Third Year B.Sc Nursing Degree Examinations, October 2014

Nursing Research and Statistics

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Use Only Ordinary Calculator

Essay

(15)

1. Define sampling. Discuss the types of sampling and the factors influencing the sampling process. (2+8+5=15)

Short Notes

(5x5=25)

2. Criteria of good research problem
3. Types of research instruments.
4. Human rights in nursing research
5. Experimental designs.
6. Pilot study

Answer the following

(5x5=25)

7. Birth weights of 10 newborns are 3.3kg,6.1kg,5.8kg,3.8kg,2.7kg,4.1kg,3.9kg,5.1kg,3.0kg and 3.8kg. Find out the mean value and median value
8. The blood sugar of the patients attending diabetes clinic is as follows draw a histogram using this data

| Blood sugar (mg/dl) | No. of patients |
|----------------------------|------------------------|
| 70-80 | 5 |
| 80-90 | 10 |
| 90-100 | 20 |
| 100-110 | 30 |
| 110-120 | 25 |

9. Utilization of research findings
10. Inferential statistics
11. Purpose of literature review.

Differentiate between

(5x2=10)

12. Hypothesis and Assumption
13. Dependent and Extraneous variables
14. Phenomenology and Historical research
15. CINHAL and COCHRANE
16. Manipulation and Control in true experimental study
