Q.P. CODE: 304010   Reg. No: ....

Third Year B.Sc Nursing Degree Examinations October 2016

Nursing Research and Statistics

Time: 3 Hrs   Max. Marks: 75

- Answer all questions
- Use Only Ordinary Calculator

Essays   (15)

1. Enumerate the disadvantages of non-probability sampling methods. Describe in short quota and cluster sampling   (10+5)

Short Notes   (5x5=25)

2. Quantitative research design
3. Utilization of nursing research
4. Hawthorne effect
5. Solomon four group design
6. Literature review

Answer the following   (5x5=25)

7. Calculate Chi-square value for the following data

Gender	Hypertension		Total
	Present	Absent	
Male	22	28	50
Female	24	36	60
Total	46	64	110

8. Arithmetic mean
9. Frequency polygon
10. Null hypothesis
11. Sampling bias

Differentiate between   (5x2=10)

12. Mean and standard deviation
13. True experimental and quasi experimental research design
14. Reliability and validity of test
15. Negative and positive correlation
16. Unpaired and paired T test

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