

QP CODE: 304009

Reg. No.....

**Third B.Sc Nursing (Ayurveda) Degree Supplementary Examinations
October 2019**

Nursing Research & Statistics

Time: 3 Hours

Total Marks: 100

- **Answer all questions**

Section – A

Nursing Research

Marks:50

Essay:

(10)

1. Explain the purpose of research in nursing. Classify research design and explain any one design with suitable example.

Short notes:

(5x5=25)

2. Steps in literature review
3. Experimental research design
4. Sources of research problem
5. Ethics in nursing research
6. Pilot study

Answer briefly:

(5x3=15)

7. Name any two types of data collection methods
8. Null hypothesis
9. List the types of qualitative research design
10. Differentiate between aim and objective
11. Mention the various types of writing research reports

Section – B

Statistics

Marks:50

Essay:

(10)

12. What is statistics. Explain the importance of statistics in nursing. Explain the levels of measurements with suitable examples.

Short notes:

(5x5=25)

13. Types of diagrams and its uses in statistics.
14. Calculate the standard deviation for the data: 8,11,15,16,18,13,12,10
15. Explain measures of dispersion.
16. Explain measures of central tendency.
17. What you mean by hypothesis testing

Answer briefly:

(5x3=15)

18. Properties of correlation coefficient
19. Inferential statistics
20. Frequency distribution
21. Explain prevalence rate
22. Name four statistical softwares
