Third B.Sc Nursing (Ayurveda) Degree Regular/Supplementary Examinations March 2025
Nursing Research & Statistics

Time: 3 Hours　　　　　　　　　　　　　　　　**Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*

Section – A　　　　　　**Nursing Research**　　　　　　**Marks:50**

Essay:　　　　　　　　　　　　　　　　　　　　　　**(10)**

1. Define literature review. List down the purposes of literature review. Discuss the steps in literature review　　　　　　　　　　　　　　　　(2+3+5)

Short notes:　　　　　　　　　　　　　　　　　　**(5x5=25)**

2. Explain stratified random sampling technique
3. Quasi experimental design
4. Discuss the ethics in nursing research
5. Discuss interview as a tool of data collection
6. Describe the problems in nursing research

Answer briefly:　　　　　　　　　　　　　　　　**(5x3=15)**

7. Type-I and Type II error
8. Compare qualitative and quantitative research design
9. Variables
10. Importance of questionnaire.
11. Hypothesis and its types.

Section – B　　　　　　**Statistics**　　　　　　　　**Marks:50**
Essay:　　　　　　　　　　　　　　　　　　　　　　**(10)**

12. Describe the measures of central tendency

Short notes:　　　　　　　　　　　　　　　　　　**(5x5=25)**

13. Tabular representation of a data
14. Draw a pie diagram representing the data of knowledge score of mothers on different family planning methods given below
    a) IUD – 35%
    b) Calendar methods – 30%
    c) Oral contraceptives – 20%
    d) Injectables – 15%
15. Vital statistics
16. Standardized tests
17. Chi square tests

Answer briefly:　　　　　　　　　　　　　　　　**(5x3=15)**

18. Confidence interval
19. Define assumption and hypothesis
20. What is standard deviation
21. Coefficient of correlation
22. Application of statistical packages

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