2010 Scheme

Nursing Research and Statistics

(Common for all specialties)

Time : 3 hrs   Max 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*
- *Write Section A (52 Pages) and Section B (32 Pages) in separate answer books. Do not mix up questions from Section A and Section B.   • Use only ordinary calculator.*

Q.P.Code 103375   Section A - Nursing Research   Marks: 75

Essays

1. Discuss the importance, purpose, sources and criteria for selecting of resources for literature review.   (5+5+10)
2. Mention the characteristics and types of qualitative research design. Explain any one qualitative research design in detail with suitable example.   (15)
3. Explain analysis and interpretation of data in quantitative research.   (15)
4. Describe the steps to be followed in quantitative research for the development of an instrument for data collection with suitable example.   (10)

Short notes   **(3x5=15)**

5. Pilot study

6. Reliability

7. Historical design

Q.P. Code 104375   Section B - Statistics   Marks: 25

Essay

1. Define correlation technique. Describe the properties of correlation coefficient. Calculate the correlation coefficient of the following data and interpret. (10)

Knowledge scores (Max score 100)	Practice scores (max score 50)
60	40
75	35
50	35
35	40
70	38
80	42

Short notes   **(3x5=15)**

2. Independent t test
3. Properties of a normal probability curve
4. Application of statistics in health

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