

2010 Scheme

Reg. No.:.....

First Year M.Sc Nursing Degree Regular/Supplementary Examinations November 2020

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. Enumerate tools and techniques of data collection in nursing research. Explain observation as a method of data collection with suitable example. (5+5+10)
2. Describe the use, development and testing of conceptual framework in a research project with suitable example. (15)
3. Formulate a research problem statement, objectives and hypothesis. Explain types variables with suitable example. (15)
4. Discuss the development and presentation of research proposal with suitable example. (10)

Short notes

(3x5=15)

5. Validity of a tool
6. Crossover design
7. Probability sampling

Q.P. Code 104375

Section B - Statistics

Marks: 25

Essay

1. Discuss the measures of central tendency. Find mean and standard deviation for the following data. (10)

Cholesterol level	No of subjects
100 – 150	10
150 – 200	20
200 – 250	30
250 – 300	40
300 – 350	20

Short notes

(3x5=15)

2. Write the assumptions of chi square test
3. Parametric tests
4. Use of computers for data analysis
