

**First Year M.Sc Nursing Degree Regular/Supplementary Examinations
November 2021**

**Nursing Research & Statistics
(Common for all specialties)
(2016 Scheme)**

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. • Draw Diagrams wherever necessary.*

Q.P. Code: 113375

Section A – Nursing Research

Max. Marks: 75

Long Essays:

(2x15=30)

1. In an epidemic of covid-19, 92 patients contracted the disease, of these 41 received no treatment and of these 10 were cured within 5 days. The remainder who did receive treatment, 17 were cured within 5 days. Test the hypothesis that treatment was not effective.
2. Compare probability and non-probability sampling techniques and describe one method from each technique.

Short Essays:

(3x10=30)

3. Discuss the different sources of Literature review
4. Differentiate Limitations and Delimitations
5. Explain the steps in development of an instrument.

Short Notes:

(3x5=15)

6. Variables
7. Randomized control study
8. Writing scientific paper for publications.

Q.P. Code: 114375

Section B – Statistics

Max. Marks: 25

Long Essays:

(10)

1. In an epidemic of covid-19, 92 patients contracted the disease, of these 41 received no treatment and of these 10 showed after effects. The remainder who did receive treatment, 17 showed after effects. Test the hypothesis that treatment was not effective.

Short Notes:

(3x5=15)

2. Sampling error.
3. Measurement scales.
4. ANOVA.
