First Year M.Sc Nursing Degree Supplementary Examinations
March 2020
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. An investigator would like to study: "The self-concept and psychological variables among breast cancer patients in Kerala". (2+3+10)
   - What is the best research design for this research. Justify your answer
   - Enumerate the objectives for this study
   - Explain the research process for this study.
2. Explain experimental and non-experimental research designs with example.

Short Essays: **(3x10=30)**
3. Explain the ethical issues in nursing research
4. Describe the types of validity of the tool
5. Explain the data collection techniques in quantitative research

Short Notes: **(3x5=15)**
6. Style of writing research reports
7. Multistage cluster sampling
8. Advantages and disadvantages of oral research reports

Q.P. Code: 114375 **Section B – Statistics** **Max. Marks: 25**

Long Essays: **(10)**

1. Compute Mean, Median, and Standard Deviation for the following data (7+3)

Height in cm	160	146	160	154	166	152	161	168	156	147

   What percentage of observation (approximate) in a normal distribution are less than Mean +1 Standard deviation

Short Notes: **(3x5=15)**
2. Paired t test
3. Measures of morbidity
4. Product moment correlation

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