

Reg. No.:.....

**First Year M.Sc Nursing Degree Supplementary Examinations
September 2018**

Nursing Research and Statistics

(Common for all specialties)

(2010 Scheme)

Time : 3 hrs

Max marks : 100

- Answer all questions.
- **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. Mention the characteristics of a qualitative research design. Explain qualitative research design with suitable examples (5+15)
2. Describe the steps to be followed in the development of an instrument for data collection (tool development) with suitable example (15)
3. Define sample and explain the types of sampling methods in detail with suitable examples (15)
4. Ms. Renu is planning to conduct a study on effect of head massage among the nursing students who experience migraine head ache. Help Ms. Renu to design a true experimental research design with relevant diagram (10)

Short notes

(3x5=15)

5. Ethics in nursing research
6. Content validity of the tool
7. Pilot study

Q.P.Code 104375

Section B - Statistics

Marks: 25

Essay

1. Define correlation. Properties of correlation coefficient. Calculate the co-relation coefficient of the following data and interpret. (2+4+4=10)

Height in inches:	57	59	62	63	64	65	55	58	57
Weight in kgs:	60	54	64	64	66	65	54	56	54

Short notes

(3x5=15)

2. Properties of normal probability curve
3. Paired t test
4. Type I and type II errors
