

First Year M.Sc Nursing Degree Supplementary Examinations March 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. Describe the steps involved in planning and conducting research. Explain the importance of communication of nursing research results. (12+8)
2. Define population and sampling. Discuss factors influencing sampling. (4+10)
3. Discuss data collection tools used in quantitative research designs (16)
4. Briefly explain the significance of research in nursing practice. (10)

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

5. Quasi experimental design
6. Grounded theory
7. APA reference style with example

Q.P.Code 104375 SECTION B - STATISTICS**Marks: 25****Essay**

1. From the following data, test whether there is any association between inoculation and tuberculosis

Group	Tuberculosis		Total
	Infected	Not infected	
Inoculated	10	90	100
Not inoculated	26	74	100
Total	36	164	200

(Table Value for 1 df and 5% level of significance is 3.84) **Short notes** (10)**(3x5=15)**

2. Type I and type II errors
3. Discuss various measures of mortality
4. Enumerate the characteristics and application of normal probability curve.
