

Reg. No.:.....

First M.Sc Nursing Degree Examinations - September 2013

## NURSING RESEARCH AND STATISTICS

(Common for all specialties)

Time : 3 hrs

Max marks : 100

- Answer all questions.
- **Write Section A and Section B 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. What are the problems faced by the researcher in performing nursing research. Explain briefly the future trends in nursing research. (10+10=20)
2. Discuss the style of writing research report. How research reports are communicated to the nursing community. ( 8+7=15)
3. Mention the types of experimental designs with examples. Enumerate the advantages of any two designs. ( 10+5=15)
4. Explain briefly the types of hypothesis with examples. (10)

### Short notes

(3x5=15)

5. Historical research
6. Pilot study
7. Characteristics of a research instrument

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

### Essay

1. The following is the disease- exposure data of 120 persons living in a locality. Suggest a suitable statistical test to find out an association between disease and exposure. Perform the test procedure and arrive your conclusion about the data. The critical value at 5% level is 3.84 (1+8+1=10)

Exposure	Disease		Total
	Yes	No	
Yes	37	13	50
No	17	53	70
Total	54	66	120

### Short notes

(3x5=15)

2. Data and its organization
3. Product moment correlation
4. Measures of mortality

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