

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
