

First Year M.Sc Nursing Degree Examinations - September 2014

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(32 Pages). 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 challenges faced by researchers in nursing research. Discuss the need for evidence based nursing practice (10+10=20)
2. Enumerate the sources of literature review. Explain briefly the guidelines for writing literature review (8+7= 15)
3. What do you understand by assumption and hypothesis in a research study. What are the points to be considered while formulating hypothesis (8+7= 15)
4. Explain, how quantitative research differs from qualitative research. (10)

Short notes

(3x5=15)

5. Role of conceptual framework in nursing research
6. Steps in the development of research instrument.
7. Ways of communicating research findings

Q.P.Code 104375

SECTION-B STATISTICS

Marks: 25

Essay

1. Which is the appropriate statistical test to conclude in the data given below, that growth status and exposure to infection are associated. Conduct the statistical test and arrive your conclusion about the data.P value at 5% level of significance is 3.84 (1+8+1=10)

Growth status	Infected	Non-Infected	Total
Good	80	190	270
Poor	240	110	350
Total	320	300	620

Short notes

(3x5=15)

2. Measures of dispersion.
3. Reliability of test scores.
4. Analysis of variance (ANOVA) technique.
