

## First Year M.Sc Nursing Degree Examinations – September 2015

**NURSING RESEARCH AND STATISTICS****(Common for all specialties)****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. Briefly describe at least five purposes of literature review. Explain the primary and secondary sources of literature review with suitable examples (5+15=20)
2. Explain any three types of true experimental design with appropriate examples. (15)
3. Discuss different types of observation method used in nursing research. Explain at least five points, to be kept in mind while you are constructing the observation check list (10+5=15)
4. What is sampling. Discuss the factors influencing the sampling process. (2+8=10)

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

5. Visual analogue scale
6. Pilot study
7. Methods of communication of your research findings

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

1. • The data presented in the below table shows the weight of 1<sup>st</sup> year nursing students. Compute the mean and standard deviation. (6+4=10)

<b>Weight</b>	<b>60-64</b>	<b>64-68</b>	<b>68-71</b>	<b>71-74</b>
<b>Frequency</b>	10	9	7	2

- Calculate the median from the following data.: 8,12,16,9,17,11,10

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

2. Chi square test
3. Types of correlation coefficient with diagram
4. t- test