

[LB 1027]

AUGUST 2012

Sub. Code: 4733

Fourth Year B.Sc - NURSING EXAM
Paper III – NURSING RESEARCH AND STATISTICS

Q.P. Code : 664733

Time : Three hours**Maximum : 100 marks****(180 Min)****Answer ALL questions in the same order.****Answer Section A And Section B Separately****SECTION A****(NURSING RESEARCH)****I. Elaborate on:****(2X20=40)**

1. Explain the Purpose, Scope, Sources and the steps in Review of Literature in Detail
2. Describe Non – Experimental Research Design in detail with Suitable Example.

II. Write Notes on:**(4X5=20)**

1. Need for Research in Nursing.
2. List the steps in development and refinement of Research Problem.
3. Pilot Study.
4. List the components of a Research Report.

III. Short Answers on:**(5X2=10)**

1. List the types of Qualitative Design.
2. Types of validity.
3. List the component of critiquing Published Research.
4. List 4 features influencing sampling process.
5. Define Nursing Research.

SECTION B**(STATISTICS)****I. Write Notes on:****(4X5=20)**

1. Calculate the Co-efficient of Correlation for the Data.

X	10	12	18	24	23	27
Y	13	18	12	25	30	10

2. Nine students are chosen at random from a group and their heights are found to be 63, 63, 64, 65, 69, 69, 70, 70, 71. Test whether the mean height may be taken to be 65. [$t_{0.05}=2.31$]
3. Types of diagrams and its uses in Statistics.
4. Define.
 - a. Test of Hypothesis
 - b. Type I error and Type II error.

II. Short Answers on:**(5X2=10)**

1. Write short notes on Classification of data.
2. Write 4 properties of normal distribution.
3. List the uses of Chi-square test.
4. Find the mode of the following data
24, 28, 20, 28, 36, 37, 36, 50, 80, 28.
5. Properties of Correlation Coefficient.
