[LM 1027]   **FEBRUARY 2018**   Sub. Code: **4733**

B.Sc. (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2012-2013 onwards)
FINAL YEAR
PAPER III – NURSING RESEARCH & STATISTICS

Q.P. Code : 664733

Time: Three hours   **Maximum : 75 Marks**

SECTION A
NURSING RESEARCH

I. Elaborate on: **(1 x 15 = 15)**

1. Discuss the steps of nursing research process in detail.

II. Write notes on: **(5 x 5 = 25)**

1. Probability sampling techniques.
2. Research statement.
3. Sources of research problem.
4. Steps in literature review.
5. Types of experimental research designs.

III. Short answers on: **(5 x 2 = 10)**

1. State any four non-experimental research designs.
2. What is variable?
3. Mention any two types of validity.
4. Define pilot study.
5. Define population.

SECTION B
STATISTICS

I. Elaborate on: **(1 x 15 = 15)**

1. Find the mean respiratory rate/minute and its SD in the 9 samples which are given below:

    23, 22, 20, 24, 16, 17, 18, 19 and 21.

II. Short answers on: **(5 x 2 = 10)**

1. List the uses of chi-square test.
2. Mention two uses of statistics in nursing research.
3. Draw Pie chart, Males - 40%,   Females - 60%.
4. State the types of correlation.
5. Define histogram.

****