[LR 1027]   **DECEMBER 2020**   Sub. Code: 4733
(AUGUST 2020 SESSION)
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. List out the Characteristics of Good Research. Explain Quantitative Research in detail.

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

1. Research process.
2. Research objectives.
3. Dependent variable.
4. Types of Survey.
5. Steps in review of Literature.

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

1. Write a Null-Hypothesis statement.
2. List any four barriers in Evidence Based Practice.
3. Define target population.
4. List four purpose of Sampling.
5. State Hawthorne effect.

SECTION - B
STATISTICS

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

1. The following data represent a sample of the time to complete a certain task in minutes and seconds (mm:ss).
      6:30, 11:15, 6:22, 11:32, 8:12, 5:02, 9:17, 6:51, 8:44, 7:45, 9:37, 7:28, 4:29, 7:42
   a. Calculate the mean.
   b. Calculate the standard deviation.

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

1. Define Incidence Rate.
2. Define Degrees of freedom?
3. List the types of 't' test.
4. List any four Diagrams used in Statistics.
5. Define Bio-statistics.

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