



**RF-M20153**

Seat No. \_\_\_\_\_

**First Year M. Sc. (Nursing) Examination**

**February - 2019**

**Nursing Research and Statistics**

Time : 3 Hours]

[Total Marks : 75

**Instructions :**

- (1) All questions are compulsory.
- (2) Figures to right indicate full marks.
- (3) Write answers to the point.

**SECTION – A (Nursing Research)**

**I Long Essay : (Compulsory) 1×20=20**

1. Define sample and explain the types of sampling methods in detail with suitable examples.

**II Short Answer : (Compulsory) 5×6=30**

1. Ethics in research.
2. Pilot study.
3. Types of Hypothesis.
4. Importance of research in nursing.
5. Research utilization.

**SECTION – B (Statistics)**

**I Elaborate on : 1×20=20**

1. a) Measures of dispersion.  
b) The weight and Hb values for the students of a school are recorded and given below.  
Calculate Pearson's correlation coefficient for the data and interpret.

Height : 10 12 14 15 16 18 13 14 13 15

Hb value : 8 9 10 8 9 7 10 9 8 9

**II Write notes on : 1×5=5**

1. Analysis of variance.