PAD-0201294   Seat No. _____

Fourth Year Basic B. Sc. (Nursing) Examination

August – 2018

Nursing Research & Statistics

Time : **3** Hours]   [Total Marks : **75**

SECTION - I (38 Marks)

1   Long Essay : (any one)   **15**

   (a)   Define Research. Classify the Research Design and explain Survey Design.

   (b)   Define Data. List out various tools of Data collection and explain about Rating Scale.

2   Write short notes on following : (any three)   **15**

   (a)   Research objectives

   (b)   Pilot study

   (c)   Define variable and explain types of variable

   (d)   Explain research hypothesis and its types.

3   Briefly answer the following : (any four)   **8**

   (a)   List out uses of Table.

   (b)   Define Longitudinal Design.

   (c)   Define Randomization.

   (d)   Define Assumption.

   (e)   Define Validity.

SECTION - II (37 Marks)

4 Long Essay : (any one)   **10**

    (a) Define Sampling. Explain in detail about probability sampling techniques.

    (b) Explain review of literature in detail.

5 Write short notes on following : (any three)   **15**

    (a) Explain Statistical packages in detail.

    (b) List out characteristics of good Research.

    (c) Barriers in utilization of Nursing Research.

    (d) Calculate mean of age of mothers at the time of giving birth to their first child for following table :

Age	Mother (f)
18 – 20	18
21 – 23	20
24 – 26	32
27 – 29	07
30 – 32	02
33 – 35	01

6 Briefly answer the following :   **12**

    (a) Define Bar Graph with example.

    (b) List out the measures of Central Tendency.

    (c) List out advantages of Non experimental design.

    (d) List out sources of Research problem.

    (e) Use of Chi-square test.

    (f) Give full form of CINAHL, ANOVA and PUBMED.