Third 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 Sampling. Classify the sampling techniques and explain probability sampling techniques.

   (b) Explain Overview of research process in detail.

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

   (a) Review Literature

   (b) Characteristics of good Research and need for research in nursing

   (c) Elements of development of data collection tool

   (d) Describe Criteria for communicating the Research.

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

   (a) Define Abstract.

   (b) Define Cross Sectional Design.

   (c) Define Extraneous Variable.

   (d) Define Assumption.

   (e) Pilot study.

SECTION - II (37 Marks)

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

     (a)   Explain in detail about Analysis of data.

     (b)   Explain different types of graphs used in nursing research with diagram.

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

     (a)   Explain Checklist.

     (b)   Utilization of research findings.

     (c)   Calculate the mean age of following group of people :

Class interval of age	No. of People
15-20	15
20-25	20
25-30	40
30-35	60

     (d)   Define Correlation Coefficient and explain its types with diagram.

6   Briefly answer the following :   **12**

     (a)   List out main three characteristics of True Experimental Design.

     (b)   Define Conceptual Framework.

     (c)   Define Validity and Reliability.

     (d)   Define Data and Range.

     (e)   Hawthorne effect.

     (f)   List out uses of statistics in nursing.