



NE-0201294 Seat No. _____

Fourth Year Basic B. Sc. Nursing Examination

January - 2017

Nursing Research & Statistics

Time : **3** Hours]

[Total Marks : **75**

SECTION - I

- 1** Long Essay : (arty **one**) **15**
- a) Explain Overview of research process in detail.
 - b) Define research. Explain scope and needs/purpose of nursing research in detail.
- 2** Write short notes on following : (any **three**) **15**
- a) Steps of analysis of data
 - b) Characteristics of good research
 - c) Types of Scales of Measurement
 - d) Review of Literature.
- 3** Briefly answer the following : (any **four**) **8**
- a) Define conceptual Framework.
 - b) List out the criteria for selecting good research problem.
 - c) Define assumption.
 - d) Define Validity and list out its types.
 - e) List out main three characteristics of True Experimental Design.

SECTION – II

- 4 Long Essay : (any **one**) **10**
- a) Write down the classification of Research and 'Explain True experimental Design in detail.
 - b) Define Sampling. Classify the Sampling Techniques and explain Probability sampling techniques.

- 5 Write short notes on following : (any **three**) **15**
- a) Statistical Packages and its applications.
 - b) Utilization of Research findings.
 - c) Calculate mean of marks for following table :

Class interval of marks	No. of students(f)
15-20	10
20-25	20
25-30	15
30-35	25

- d) Explain types of Graphs in detail.
- 6 Briefly answer the following : **12**
- a) Define Reliability.
 - b) List out types of Hypothesis.
 - c) Define Interview.
 - d) List out tools of data collection.
 - e) Define Mode with example.
 - f) Define pilot study.