



JCS-M20177

Seat No. _____

Third Year Basic B. Sc. (Nursing) Examination

February - 2020

Nursing Research & Statistics

Time : 3 Hours]

[Total Marks : 75

SECTION - I

- 1 Long Essay : (any one) 15**
- (a) Explain Overview of Research Process in Detail.
 - (b) Define Data. Enlist tools and Techniques of data collection. Explain Questionnaire in detail.
- 2 Write Short notes on following : (any three) 15**
- (a) Review Literature.
 - (b) Characteristics of good Research Problem.
 - (c) Ethics in Nursing Research.
 - (d) Methods of Communication of Research.
- 3 Briefly Answer the following : (any four) 8**
- (a) Define Hypothesis.
 - (b) Define variable and list out types of variable.
 - (c) Enlist Characteristics of research objectives.
 - (d) List out Scope of research in nursing.
 - (e) Define Target population.

SECTION - II

4 Long Essay : (any one) 10

- (a) Explain in detail about Analysis of data.
- (b) Explain True Experimental research designs.

5 Write Short notes on following : (any three) 15

- (a) Explain Non-probability sampling Methods.
- (b) Describe Factors affecting internal validity of research designs.
- (c) Explain statistical packages and its uses in nursing.
- (d) Find out mean age of 100 adolescent girls given in following data

Age in years	16	17	18	19
No. of adolescent girls	35	31	20	14

6 Briefly Answer the following : (All compulsory) 12

- (a) List out criteria of good Sample.
- (b) Define Frequency polygon,
- (c) List out advantages of interview.
- (d) Define Operational Definition.
- (e) Define pie diagram with figure and example.
- (f) List out Uses of Graphs in research.