



HAZ-M20177

Seat No. _____

Third Year Basic B. Sc. (Nursing) Examination

August – 2017

Nursing Research & Statistics

Time : 3 Hours]

[Total Marks : 75

SECTION - I (38 Marks)

- 1 Long Essay : (any one out of two) 1×15=15**
- (1) Explain the Purpose, Scope, Sources and the steps in Review of Literature in detail.
- (2) Describe Non-Experimental Research Design in detail with Suitable Example.
- 2 Write short notes on following : (any three out of five) 3×5=15**
- (a) Need for the research in Nursing.
- (b) List the steps in development and refinement of Research Problem.
- (c) Explain about writing Research Objectives.
- (d) Pilot study.
- (e) List the components of a Research Report.
- 3 Briefly answer the following : (any four out of six) 4×2=8**
- (a) Research
- (b) Types of validity
- (c) Conceptual framework
- (d) Reliability
- (e) Assumption
- (f) Variables.

SECTION - II (37 Marks)

- 4 Long Essay : (any one out of two) **1×10=10**
- (1) Calculate the Co-efficient of Correlation for the Data :
- X 10 12 18 24 23 27
 Y 13 18 12 25 30 10
- (2) Types of diagrams and its uses in Statistics.
- 5 Write short notes on following : (any three out of five) **3×5=15**
- (a) Find the mode of the following data 24, 28, 20, 28, 36, 37, 36, 50, 80, 28.
- (b) Type I and Type II error.
- (c) Normal distribution.
- (d) List the uses of Chi-square test.
- (e) Probability.
- 6 Briefly answer the following : (Compulsory) **6×2=12**
- (1) Mean
- (2) Biostatistics
- (3) Summarization
- (4) Interpretation of Data
- (5) Degree of Freedom
- (6) t-test formula.
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