



B-4288

Third Year (Basic) B. Sc. (Nursing) Examination

May/June - 2017

Nursing Research & Statistics

Time : 3 Hours]

[Total Marks : 75

Instruction :

नीचे दृश्यावल निशानीवाणी विगतो उतरवही पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
Third Year (Basic) B. Sc. (Nursing)

Name of the Subject :
Nursing Research & Statistics

Subject Code No. : 4 2 8 8 Section No. (1, 2,.....) : 1&2

Seat No. :
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Student's Signature

SECTION - I (50 Marks)

- 1 Define the following : (any ten) 10×1=10
- (1) Define nursing research.
 - (2) Scientific method.
 - (3) Research problem.
 - (4) Interrogative statement.
 - (5) CINHAL.
 - (6) Quantitative research design.
 - (7) Replication.
 - (8) Survey research approach.
 - (9) Population.
 - (10) Define measurement.
 - (11) Sampling errors.
 - (12) Tabulation.

2 Write short notes : (any six) 6×5=30

- (1) Write down the steps involved in scientific method.
- (2) What are the sources of selecting a research problem ?
- (3) Define review of literature and explain the purpose.
- (4) Explain the characteristics of a good research design.
- (5) Write a short note on various sampling techniques.
- (6) Explain in detail about validity.
- (7) Criteria of writing good research report.
- (8) Importance of review of literature.

3 Attempt any one : 1×10=10

- (1) Describe in detail about steps in research process.
- (2) (a) Define sample. 2
(b) Explain the types of probability sampling technique. 8

SECTION - II (25 Marks)

1 Answer any five : 5×1=5

- (1) Biostatistics
- (2) Mean
- (3) Standard Deviation
- (4) Parametric Tests
- (5) Frequency Polygon
- (6) Histogram
- (7) Uses of Correlation.

2 Attempt any four :

4×5=20

(1) Draw a histogram for the following data :

Weights of Underfives in kilogram	Frequency
6-7	12
7-9	30
9-11	49
11-13	10
13-16	9

(2) Calculate the mean, median and mode for the following blood urea values :

15, 22, 40, 32, 30, 32, 20, 22, 32, 30.

(3) Explain the steps of Chi-square test.

(4) Normal probability curve.

(5) How the statistical software packages are useful in nursing ?

(6) Explain about the merits and limitations of the Spearman rank correlation coefficient.