



B-020177

Seat No. _____

Third Year B. Sc. (Nursing) Examination

March - 2021

Nursing Research & Statistics

Time : 3 Hours]

[Total Marks : 75

- Instructions:**
- (1) The number to the right indicates full marks.
 - (2) Draw the diagram whenever necessary.
 - (3) Answer each section in the respective answer sheet only.
 - (4) Answer written in the inappropriate sectional answer book will not be accepted in any case.

SECTION-I (38 Marks)

- | | | |
|---|--|----|
| 1 | Essay type questions : (any one) | 15 |
| | (1) Define Sampling. | 2 |
| | (2) List and explain all the types of sampling techniques with examples. | 7 |
| | (3) Write about characteristics of the sample. | 3 |
| | (4) List the problems of sampling. | 3 |

OR

- | | | |
|---|--|---|
| 1 | (1) Define data collection. | 2 |
| | (2) Explain about interview method. | 7 |
| | (3) List the types of rating scale. | 3 |
| | (4) Guidelines for good questionnaire. | 3 |

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|---|--------------------------------|--------|
| 2 | Write short notes: (Any Three) | 3×5=15 |
| | (1) Evidence based practice | |
| | (2) Grounded theory | |
| | (3) Conceptual framework | |
| | (4) Vancouver style | |
| | (5) Non-parametric test | |

- 3 Answer the following in Brief : (Any **Four**) **2×4=8**
- (1) Sample size
 - (2) Research variable with example
 - (3) Content validity
 - (4) Mean
 - (5) S.D
 - (6) Linkert scale

SECTION - II (Marks - 37)

- 4 Essay type questions : (Any **One**) **10**
- (1) Find out whether there is statistically significant difference between 2 group tests at 0.05 the level of significance.
- | GROUP | MEAN | FREQUENCY | SD |
|--------------|-------------|------------------|-----------|
| A | 12 | 12 | 15 |
| B | 84 | 15 | 19 |

OR

- 4 (1) Define correlation coefficient. **2**
- (2) Write its types and explanation. **8**
- 5 Write short notes: (Any **Three**) **3×5=15**
- (1) Graphical presentation of data
 - (2) Level of significance
 - (3) Standard deviation
 - (4) Chi Square test
 - (5) Scale of measurement.
- 6 Answer the following in Brief: (Compulsory) **2×6=12**
- (1) Null hypothesis
 - (2) Statistic
 - (3) Measure of central tendency
 - (4) Range
 - (5) Probability
 - (6) Plagiarism.
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