

M.Sc.(N) [1st Year]

BF/2014/08

Nursing Research & Statistics

[Common for all Nursing Specialities]
[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

Note : Attempt all questions.

SIMPLE CALCULATOR IS ALLOWED.

SECTION-A (Nursing Research)

1. Define nursing research. Discuss its significance and scope in relation to nursing. [15]

2. (a) Discuss the criteria in selecting an instrument. [5]
(b) Describe questionnaire as a tool for data collection. Discuss its advantages and disadvantages. [10]

3. **Write Short Notes on any FOUR of the following :** [5x4=20]
 - (a) Evidence Based Nursing Practice.
 - (b) Factors influencing sampling.
 - (c) Criteria of good research problem.
 - (d) Ethics in research.
 - (e) Sources of data collection.

SECTION-B (Statistics)

1. (a) Compare mean, mode and median as measures of central tendency. [6]
(b) The ranking of ten students in two subjects A and B is as follows. Calculate Spearman's correlation coefficient. [9]

| A | B |
|----|----|
| 6 | 3 |
| 5 | 8 |
| 3 | 4 |
| 10 | 9 |
| 2 | 1 |
| 4 | 6 |
| 9 | 10 |
| 7 | 7 |
| 8 | 5 |
| 1 | 2 |

2. **Write Short Notes on any TWO of the followings :** [5x2=10]
 - (a) Latin Square design.
 - (b) Normal probability curve.
 - (c) Levels of measurements.