

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

BF/2013/08

Nursing Research & Statistics

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

M.M. : 75

Time : 3 Hours.

Note : Attempt all questions.

CALCULATOR IS NOT ALLOWED.

SECTION-A (Nursing Research)

1. Discuss the relationship between the scientific method and problem solving. [15]
2. Define population, sample and sampling. Discuss the types of sampling using illustrations from nursing research. [15]
3. **Write Short Notes on any FOUR of the following :** [5x4=20]
 - (a) Quantitative Research.
 - (b) Conceptual Framework.
 - (c) Purposes of review of literature.
 - (d) Reliability of Questionnaire.
 - (e) Developing research proposal.

SECTION-B (Statistics)

4. (a) Choose any appropriate measure of central tendency and variability for the following data : [10]
(b) Make graphical representation for the same. [5]

| Scores | f |
|--------|----|
| ----- | -- |
| 46-50 | 1 |
| 41-45 | 2 |
| 36-40 | 3 |
| 31-35 | 4 |
| 26-30 | 5 |
| 21-25 | 5 |
| 16-20 | 7 |
| 11-15 | 3 |

5. **Write briefly on any TWO :** [5x2=10]
 - (a) Sampling Error.
 - (b) Product moment Correlation.
 - (c) Vital health Statistics.
