

# M.Sc.(N) [1<sup>st</sup> Year]

BF/2013/01

## Nursing Research & Statistics

[Common for all Nursing Specialties]

[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. Prepare a research design using experimental approach and give your rationale. Explain the characteristics of experimental research design. [15]
  
2. (a) List the criteria for nurse researcher to determine whether or not a problem is researchable ? [5]  
 (b) What are the values of historical research. [5]  
 (c) What are the reasons for conducting a pilot study. [5]
  
3. **Write Short Notes on any FOUR of the following :** [4x5=20]
  - (a) Factors influencing sampling.
  - (b) Steps in reviewing literature.
  - (c) Variables.
  - (d) Scope of nursing research.
  - (e) Preparing data for computer analysis.

### SECTION-B (Statistics)

4. Compute Chi-Square for the following 2x2 contingency table and interpret it using 0.05 level of significance. [6+4=10]

	Remained Teacher	Left Teacher	
Trained	90	30	120
Not trained	30	10	40

5. **Write briefly on any THREE :** [3x5=15]
  - (a) Standard deviation.
  - (b) Mann Whitney test.
  - (c) Rank-order correlation.
  - (d) Normal distribution curve.

-----