

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

BF/2012/01

## 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. What are observational research studies ? Describe any one in details. List the advantages and disadvantages of the same. [2+8+5=15]
2. What is evidence based practice ? Outline the steps in Evidence based practice. Rate the types of studies based on their quality of evidence. [4+7+4=15]
3. **Write Short Notes on any FOUR of the following :** [4x5=20]
  - (a) Research Critique.
  - (b) Quasi experimental research studies.
  - (c) Ethical issues in research.
  - (d) Focus group discussion.
  - (e) Research hypotheses.

### SECTION-B (Statistics)

4. The following table shows the anxiety scores of two groups of women with breast cancer with and without counselling intervention.

	Mean	`t`	`p` value
Control (Without Intervention)	19.00		
Experimental (With intervention)	25.00	2.86	.011

- (a) Describe and interpret the data.
  - (b) What conclusions can be drawn from the study ? [3+3+4=10]
5. **Write briefly on any THREE :** [3x5=15]
  - (a) `p` value.
  - (b) Maternal Mortality Rate.
  - (c) Odds ratio.
  - (d) Non parametric tests.

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