M.Sc.(N) [1st Year]
BF/2016/03

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   *[50 Marks]*

(Nursing Research)

1. (a) Define Pilot Study and discuss its purposes for research plan.   [5]

    (b) Explain how nurse researcher may take ethical approval for taking human subjects in research.   [5]

    (c) Discuss various Ethical issues in Nursing Research.   [5]

2. (a) Describe the method of developing conceptual framework for nursing research.   [5]

    (b) Discuss the meaning of qualitative research design and its characteristics.   [5]

    (c) Explain survey approach of research design.   [5]

3. **Write Short Notes on any FOUR of the following** :   [5x4=20]

    (a) Criteria for selection of resources for review of Literature.
    (b) Randomization.
    (c) Types of Hypothesis.
    (d) Meta Analysis.
    (e) Steps in Literatim Review.
    (f) Variables of Research Study.

SECTION-B   *[25 Marks]*
(Statistics)

1. (a) Define non parametric test used in inferential statistics. Discuss any one non parametric test and its importance in research.   [5]

    (b) Calculate the co-efficient of co-relation from following data :   [10]

x	117	126	126	129	116
y	59	62	63	65	58

2. **Write Short Notes on any TWO of the followings** :   [5x2=10]

    (a) t-test.
    (b) Latin square design.
    (c) Normal distribution curve.
    (d) Application of statistics in health.