M.Sc.(N) [1st Year]
BF/2015/02

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) What are the purposes and sources of the data collection.   [5]

    (b) Enlist different methods of data collection.   [3]

    (c) Differentiate between questionnaire and interview as data collection techniques.   [7]

2. (a) Enlist research approaches.   [5]
    (b) Discuss phenomenological research approach.   [5]
    (c) Explain triangulation in nursing research.   [5]

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

    (a) Ethical aspects of nursing research.
    (b) Research proposal.
    (c) References.
    (d) Limitations and delimitations.
    (e) Sources and steps of review of literature.
    (f) Sample Size.

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

1. (a) Discuss vital health statistics.   [5]

    (b) To verify whether a course in prevention and management of vector borne diseases improved knowledge a similar test was given to 12 participants before and after the course. The marked by participants were as follows :

Participants : A   B   C   D   E   F   G   H   I   J   K   L
Pre test   : 44 40 61 52 32 44 70 41 67 72 53 72
Post test   : 53 38 69 57 46 39 73 48 73 74 60 78

Was the course useful ? (5% table value of t_{11} is 2.201)   [10]

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

    (a) Use of statistical package.
    (b) Chi square test.
    (c) Randomized block design.
    (d) Correlation of coefficient.