

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

BF/2015/09

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 the problem statement and how will you select a good research problem. [5]
- (b) Write the characteristics of good research problem statement. [5]
- (c) Differentiate between declarative and interrogative statement. [5]
2. (a) Primary and secondary sources of data. [6]
- (b) Write the meaning of CINAHL, MEDLINE, ISI, HAPI, AIDSEARCH, PSYCINFO. [3]
- (c) Describe these terms- indexes, abstract and grey literature. [6]
3. **Write Short Notes on any FOUR of the following :** [5x4=20]
 - (a) Item analysis.
 - (b) Communication of research.
 - (c) Sampling errors.
 - (d) Evidence based practice.
 - (e) Quasi experimental research design.
 - (f) Conceptual framework.

SECTION-B

[25 Marks]

(Statistics)

1. (a) Define statistics and its importance in research. [5]
- (b) Calculate mean, median and standard deviation of the following ? [10]

Age group	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No. of people	6	5	8	15	7	6	3

2. **Write Short Notes on any TWO of the followings :** [5x2=10]
 - (a) Measures of variability.
 - (b) Central tendency and their merits and demerits.
 - (c) Use of excel in statistics.
 - (d) Annova.