

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

BF/2021/06

Nursing Research & Statistics

[Common for all Nursing Specialities]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

Note: 1.) *Attempt all questions.*

2.) **ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.**

3.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**

4.) **The Student must write Q.P. Code in the space provided on the Title**

Page of the Answer Book.

5.) **Simple Calculator is Allowed.**

SECTION-A

[50 Marks]

(Nursing Research)

1. (a) List various types of tools used for Data collection. [2]
 (b) Describe various methods of Data collection in detail. [6]
 (c) What is Pilot study and explain its significance in research. [3+4= 7]
2. (a) Discuss the Scope of Nursing research. [5]
 (b) Enumerate various types of Research designs. Explain the characteristics of a good research. [10]
3. **Write Short Notes on any FOUR of the following :** [5x4=20]
 - (a) Validity of the Tools
 - (b) Factors Influencing Sampling
 - (c) Review of Literature for Research
 - (d) Ethics in Research
 - (e) Use of Models and Theories

SECTION-B

[25 Marks]

(Statistics)

4. **Write in brief about the following :** [3x5=15]
 - (a) Frequency Distribution
 - (b) Sampling Error
 - (c) Application of Statistics in Health
 - (d) Mann Whitney Test
 - (e) Use of Computers for Data Analysis
5. (i) **Calculate Mean and Standard Deviation from the given data.** [5]
 80, 78, 70, 55, 35, 23, 13, 10
 (ii) **Calculate Median for the given data and draw histogram.** [5]

Marks (x)	0-10	10-20	20-30	30-40	40-50
No. of Students (f)	3	4	9	7	2