NC-1806000801030001
First Year M. Sc. (Nursing) Examination
December - 2021
Nursing Research & Statistics

Time : **3** Hours]   [Total Marks : **75**

Instruction :

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of ☛ signs on your answer book.
Name of the Examination :
☛ First Year M. Sc. (Nursing)
Name of the Subject :
☛ Nursing Research & Statistics
☛ Subject Code No. :   ☛ Section No. (1, 2,.....) : 1&2

N C - 1 8 0 6 0 0 0 8 0 1 0 3 0 0 0 1

Seat No. :

Student's Signature

SECTION - A
(Nursing Research)

1   Elaborate on any two :   **2×10=20**

(a)   What are the sources of literature review? Explain with example, and narrate purposes of literature review in quantitative research,

(b)   What is research design? Write in detail about experimental research design.

(c)   Describe in detail the non-probability sampling methods with an example.

2   Write short notes on any five :   **5×6=30**

(a)   Difference between Quantitative and qualitative Research

(b)   Research hypothesis

(c)   Conceptual framework

(d)   Systematic literature Review

(e)   Item Analysis

(f)   Pilot study

(g)   Research Proposal

(h)   Ethics in nursing research

SECTION - B
(Statistics)

1 Elaborate on any one : 1×10=10

(a) Describe measures of central tendency. Compute the mean for the following distribution:

Score	30-39	40-49	50-59	60-69	70-79	80-89	90-99	
f	1	4	14	20	22	12	2	N=75

(b) What is a Normal Probability curve? Write difference between correlation and regression.

2 Write notes on any three : 3×5=15

(a) Parametric Test

(b) Type I and Type II error

(c) Level of significance

(d) Scope of statistics in Nursing Research

(e) Hypothesis testing

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