Madhya Pradesh Medical Science University, Jabalpur
M.Sc. Nursing First Year Main Examination February – 2020
Paper Code:- 20AN0102102421
Subject:- Nursing Research & Statistics

Time: 3 Hours
Maximum Marks: 75

1) *Both parts (Section- A and Section B) are compulsory.*
2) *Answer parts A & B in Separate answer scripts.*
3) *All questions are compulsory*
4) *Draw diagrams wherever necessary.*
5) *Answer of Questions and sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued.*
6) *Do not write anything on the blank portion of the question paper. If written anything such type of act will be considered as an attempt to resort to unfair means.*
7) *Candidates may use "Basic calculator", use of "Scientific Calculator" or any other electronic devices is not allowed.*

Section A - Nursing Research (50 Marks)

Q.No.1.	(a)	Define Research Design.	(2)
	(b)	Enlist the Types of Research Design	(5)
	(c)	Describe in details about "Quantitative Research Design"	(8)

Q.No.2.	(a)	Define Review of Literature.	(2)
	(b)	Explain the importance and purpose of Review of Literature.	(3)
	(c)	Describe the guidelines for writing Review of Literature.	(5)

Q.No.3. Write short notes on (Any Five) (5x5=25)
- (a) Dependent & Independent Variable Tools for data Collection
- (b) Validity
- (c) Reliability
- (d) Hypothesis
- (e) Pilot study
- (f) Conceptual framework

Section B—Statistics (25 Marks)

Q.No.1. Define the following (Any Six) (6x2=12)
- (a) Standard Deviation
- (b) Median
- (c) ANOVA
- (d) Mode
- (e) Mean
- (f) Correlation
- (g) Z-Test

Q.No.2. Following are the educational levels found in a community survey. Prepare a pie chart. (13)

Education level	No. of persons
No formal education	225
Primary	472
Middle	293
Higher secondary	201
Graduation	104
Post-graduation	55