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