

Madhya Pradesh Medical Science University, Jabalpur
BSc. Nursing Third Year Main Examination February - 2020

Paper Code:- 20AN0000102231

Subject:- Nursing Research & statistics

Time: 3 Hours

Maximum Marks: 75

- 1) Both parts (Part-A and Part-B) are compulsory.
- 2) Answer parts A & B in separate answer scripts.
- 3) All questions are compulsory
- 4) Draw diagrams wherever necessary
- 5) Answers 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) Student can answer the question in both Hindi and English Language.

Section A - Nursing Research (50 Marks)

- Q.1 a. Define nursing research. (2)
b. Write the purpose and scope of nursing research. (3)
c. Write characteristic of good research. (5)
- Q.2 a. Define sampling. (2)
b. Write the type of sampling technique. (4)
c. Discuss purposive sampling in detail. (4)
- Q.3 a. Define research design. (2)
b. Enlist the types of research design. (3)
c. Explain any one research design with suitable example. (5)
- Q.4 Write Shorts Note on: (Any Four) (4x5=20)
a. Hypothesis
b. Review of literature
c. Validity
d. Data collection Technique
e. Pilot study
f. Ethics in nursing research

Section B - Statistics (25 Marks)

- Q.1 Calculate the mean and median for the following data: (10)
- | | | | | | | | | |
|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Height (in cm): | 135-140 | 140-145 | 145-150 | 150-155 | 155-160 | 160-165 | 165-170 | 170-175 |
| No. of boys: | 4 | 9 | 18 | 28 | 24 | 10 | 5 | 2 |
- Q.2 Write short notes on: (Any Three) (3x4=12)
a. Graphical representation of the data *
b. Importance and scope of statistics in nursing •
c. Correlation and its type
d. Central tendency,
e. standard deviation
- Q.3 Write the importance of statistics in nursing. (3)