

PARUL UNIVERSITY
FACULTY OF NURSING
B.Sc. Nursing (Basic), September 2022 Examination

Year: 3**Subject Code: 09101304****Subject Name: Nursing Research and Statistics****Date: 08-09-2022****Time: 2:00pm to 5:00pm****Total Marks: 75****Instructions:**

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Draw diagrams wherever necessary.
4. Write section-A, section-B on separate answer sheets.

SECTION A (37 MARKS)

Q-1 Long Essays (Any one out of two) (1x 10) (10)

1. Define Data Collection. Discuss different types of data collection methods.
2. Explain Experimental research design.

Q-2 Short Essays (Any three out of six) (3 x 5) (15)

1. Explain the characteristics of Good Nursing Research.
2. Enlist steps of literature review.
3. Explain pilot study
4. Differentiate between Validity and Reliability
5. List out types of rating scale
6. Discuss about scales of measurements

Q-3 Short Answers (6 x 2) (12)

1. Define Nursing Research
2. Ethnographic research
3. Hawthorne effect
4. Find Median for discrete data with even set of number: 61,90,101,46,112,27,120,70
5. Standard Deviation
6. Uses of Vital Statistics

SECTION B (38 MARKS)

Q-1 Long Essays (Any one out of two) (1x 10) (10)

1. Explain Qualitative Research Process
2. Discuss Sampling technique.

Q-2 Short Essays (Any four out of seven) (4 x 5) (20)

1. Write sources of Literature Review.
2. Describe the steps in Scientific method.
3. Illustrate hypothesis
4. Explain methods of communication of research
5. Define Variables & its type.
6. Types of Graph & Diagram
7. Correlation Coefficient

Q-3 Short Answers (4 x 2) (08)

1. Assumption
2. Mixed method research design
3. Z-Test
4. Level of Significance