PARUL UNIVERSITY
FACULTY OF NURSING
M.Sc. Nursing, (September – 2022) Examination

Year: 1   **Date: 03/09/2022**
Subject Code: 09200103   **Time: 10:00 am to 1:00 pm**
Subject Name: Nursing Research & Statistics   **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

Q-1 Long Essays. (Any one out of two) (1 x 15)   **(15)**
    1. Define data collection. Write sources and methods of data collection.
    2. Define sampling .Write criteria for selection of sample. Explain probability sampling in
    detail.

Q-2 Short Essay. (2 x 10)   **(20)**
    1. What do you mean by review of literature? Write its purposes, sources and steps.
    2. Differentiate between grounded theory and ethnography research design.

Q-3 Short Answers. (3 x 5)   **(15)**

    1. Ethics in research.

    2. Briefly discuss about conceptual framework.
    3. Illustrate formulation of research statement and research objectives.
    4.

SECTION - B

Q-1 Short Essays. (Any one out of two) (1x 10)   **(10)**
    1. Define non parametric test. Explain chi-square test of homogeneity with example.
    2. Calculate Karl-parsons co-efficient of correlation for the following data.

X	3	2	1	5	4
Y	8	4	10	2	6

Q-2 Short Answers. (3 x 5)   **(15)**
    1.ANOVA
    2.Characteristics of good measure of dispersion
    3. Explain Scatter diagram