

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[BSCN 1122]**

**NOVEMBER 2022  
(AUGUST 2022 EXAM SESSION)**

**Sub. Code: 4724**

**B.Sc. (Nursing) DEGREE EXAMINATION  
(Regulations for the candidates admitted from 2013-2014 onwards)**

**THIRD YEAR  
PAPER IV – NURSING RESEARCH & STATISTICS  
Q.P. Code: 664724**

**Time: Three Hours**

**Maximum : 75 Marks**

**SECTION – A  
NURSING RESEARCH**

**I. Elaborate on:** (1 x 15 = 15)

1. a) What is Problem statement?  
b) What are the Criteria of a good research Problem?  
c) Write the types of statement of problem with example and formulate the objectives and hypothesis for it.

**II. Write notes on:** (5 x 5 = 25)

1. Types of Assumptions.
2. Critique of nursing research studies.
3. Stages of systemic review.
4. Bio Physiological parameters.
5. Dependent Variable.

**III. Short answers on:** (5 x 2 = 10)

1. Define plagiarism.
2. Write the types of closed ended question.
3. Expand PICO.
4. Define null hypothesis.
5. Define Target population.

**SECTION – B  
STATISTICS**

**I. Elaborate on:** (1 x 15 = 15)

1. What is a statistical average? Describe the characteristics of a good statistical average.

**II. Short answers on:** (5 x 2 = 10)

1. Define probability.
2. Write the types of 't' test.
3. What is Cohort study?
4. Find the Mode of following data  
2,3,3,5,3,4,3,3,3,4,2,2.
5. Define Incidence Rate.

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