

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

[MSCN 0522]

**MAY 2022
(OCTOBER 2021 SESSION)**

Sub. Code: 2323

**M.Sc. NURSING DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)**

**FIRST YEAR
PAPER III – NURSING RESEARCH AND STATISTICS**

Q.P. Code: 302323

Time : Three Hours

Maximum : 75 Marks

Answer Sections A and B in SEPARATE Answer book.

**SECTION – A
(NURSING RESEARCH)**

I. Elaborate on: **(1 x 20 = 20)**

1. Write the classification of Research Design. Explain in detail the True Experimental Designs.

II. Write notes on: **(5 x 6 = 30)**

1. Scope of Nursing Research.
2. Write the purposes and sources of Review of Literature.
3. Types of Variables.
4. Pilot Study.
5. Write the methods of data presentation.

**SECTION – B
(STATISTICS)**

I. Elaborate on: **(1 x 20 = 20)**

1. a) Define standard deviation. How it is useful in research data?
b) Two different types of drugs were given to two groups 10 patients to reduce their weight. After administering the drugs for certain period the reduction in their weight in kilo grams were measured which are given below. Calculate coefficient of variation and find out which drug is more consistent A or B.

DRUG A :	10	12	13	11	14	9	11	8	12	10
DRUG B :	12	16	14	15	10	12	13	9	8	11

II. Write notes on: **(1 x 5 = 5)**

1. What are the requirements for applying paired 't'- test and independent 't' – test?
