

[MSCN 0821]

AUGUST 2021
(MAY 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 books.

SECTION – A
(NURSING RESEARCH)

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

1. a) Define research design.
- b) Classify the various types of research design.
- c) Explain the quantitative research design with example.

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

1. Explain methods of data collection.
2. Inductive and deductive reasoning.
3. Sample size.
4. Hypothesis
5. Styles of writing research report.

SECTION – B
(STATISTICS)

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

1. a) Explain positive, negative, linear and non-linear correlations.
- b) Calculate the two regression equations X on Y and Y on X from the following data. Also estimate the BP level of a patient whose age is 55 years.

AGE:	65	40	56	45	72	36	68	57	51	60
B.P:	150	126	144	135	160	117	128	140	149	154

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

1. What are the requirements for applying Z- test?
