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. a) Describe the steps of research process.
   b) Explain the various methods of sampling.

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

1. Survey method.
2. Factorial design.
3. Variables.
4. Reliability and validity.
5. Halo effect and Hawthorne effect in research.

SECTION – B
(STATISTICS)

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

1. a) Explain the procedure of test of significance.

   b) Pain score before and after the intervention on joint pain has been given. Test whether the intervention has significant effect to reduce the joint pain. (LOS: 0.05%, table value: 2.26).

Before	9	8	6	7	8	7	9	6	10	7
After	4	3	3	4	2	2	3	1	5	3

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

1. Normal distribution.

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