

[LK 416]

MAY 2017

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. 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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