

[LI 416]

APRIL 2016

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. Define Nursing research and discuss the Qualitative Research design in detail.

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

1. Evidence based practice.
2. Developing theoretical frame work.
3. Informed consent.
4. Methods of Data collection.
5. Probability sampling techniques.

**SECTION – B**  
**(STATISTICS)**

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

1. a) Explain the procedure of test of significance.  
b) In a drug experiment before and after the experiment the response obtained from 100 patients were classified gave the following information.

Before	After	
	Worst	Improved
Improved	20	30
Worst	40	10

Test at 5% level of significance by using Mc.Nemar test whether there has been a significant change before and after treatment.

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

1. Linear Regression Analysis.

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