

[LC 416]

APRIL 2013

Sub. Code: 2323

**M.Sc. (NURSING) DEGREE EXAMINATION
FIRST YEAR****(Regulations for candidates admitted from 2011-2012 Session onwards)****PAPER III – NURSING RESEARCH AND STATISTICS*****Q.P. Code: 302323*****Time: Three Hours****Maximum: 100 marks****Answer All questions****Answer Sections A and B in SEPARATE Answer book.****SECTION – A****(NURSING RESEARCH)****I. Elaborate on:****(1 x 20 = 20)**

1. a) List the steps used in the Research process.
- b) Discuss the use of Surveys in nursing.

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

1. Evidence Based Practice.
2. Steps in Literature Review.
3. Probability sampling techniques.
4. Rating Scales.
5. Barriers in Research Utilization.

**SECTION – B
(STATISTICS)****I. Elaborate on:****(1 x 20 = 20)**

1. a) Explain Regression analysis.
- b) In a study find out the association between the distance from the health centre and the number of antenatal visits, the following data are obtained. Find the correlation coefficient

Distance (Km) :	2	2	4	6	7	8	9	10
No of Visits :	6	7	5	4	4	3	2	1

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

1. Mann-Whitney U-test.
2. Incidence and prevalence rate.
3. Sector diagram.
4. Type I and Type II errors.
5. MANOVA.
