

[KY 416]

MAY 2011

Sub. Code: 2323

**M.Sc. (NURSING) DEGREE EXAMINATION****FIRST YEAR****(Regulations for candidates admitted from 2008-2009 Session onwards)****PAPER III – NURSING RESEARCH AND STATISTICS****Q.P. Code: 302323****Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****Answer Sections A and B in SEPARATE Answer book.****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) Discuss in detail true experimental designs.

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

1. Ethics in Research.
2. Hypothesis.
3. Conceptual frame work.
4. Reliability.
5. Evidence based practice.

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

1. a) Explain the procedure of test of significance.
- b) Calculate the co-relation co-efficient from following data and interpret.

Height in Inches	57	59	62	63	64	65	55	58	57
Weight in lbs	113	117	126	126	130	129	111	116	112

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

1. Measures of Dispersion.
2. Probability.
3. Uses of statistics in Nursing Research.
4. Measurement scales.
5. Vital statistics.

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