

**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 researcher is interested to measure the level of care in two different hospitals by reviewing patient records of 15 patients from each hospital.
  - a) Identify the suitable research design and draw schematic presentation of the selected design.
  - b) Discuss the assumption and delimitation of this study.
  - c) Briefly explain the tool which can be used in this study for better analysis.

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

1. Explain the types of true experimental design.
2. Non-probability sampling technique.
3. Rating scale.
4. Hypothesis.
5. Types and sources of literature review.

**SECTION – B**  
**(STATISTICS)**

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

1. a) Explain the types of correlation.
- b) Calculate coefficients of correlation for the following data.

Age	43	21	25	42	57	59
Glucose level	99	65	79	75	87	81

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

1. Analysis of variance.

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