[LG 1027]   **FEBRUARY 2015**   **Sub. Code: 4733**

B.Sc (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2006-07 onwards)
FINAL YEAR
Paper III – NURSING RESEARCH AND STATISTICS

Q.P. Code : 664733

Time : Three hours   **Maximum : 75 marks**

SECTION A
NURSING RESEARCH

I. Elaborate on :   **(1 x 15 = 15)**

1. Explain the Phases of Quantitative Nursing Research.

II. Write notes on :   **(4 x 5 = 20)**

1. Biophysiological Parameters
2. Dissemination of research findings
3. Quasi experimental design
4. Survey Research approach

III. Short answers on: **(7 x 2 = 14)**

1. List the types of hypothesis
2. Differentiate Non random and random sampling
3. Mention the purposes of Qualitative research
4. List any four methods of collecting self reports
5. Define reliability
6. List any four sources of research problem
7. Define extraneous variable

SECTION B
STATISTICS

I. Elaborate on :   **(1 x 15 = 15)**

1. Random sample of 10 families were selected and their pre and post score of training program was recorded. Can you say that the training program was effective or not **Table Value = 1.833.**

Pre test	7	6	10	16	8	13	8	14	16	11
Post test	11	14	16	17	9	15	9	17	20	12

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

1. Normal Probability curve

III. Short answers on: **(3 x 2 = 6)**

1. Classification of Data
2. Type I Error
3. Name Four Statistical Software

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