

[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 : $(1 \times 15 = 15)$

1. Explain the Phases of Quantitative Nursing Research.

II. Write notes on: $(4 \times 5 = 20)$

1. Biophysiological Parameters

- 2. Dissemination of research findings
- 3. Quasi experimental design
- 4. Survey Research approach

III. Short answers on: $(7 \times 2 = 14)$

- 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 : $(1 \times 15 = 15)$

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: $(1 \times 5 = 5)$

1. Normal Probability curve

III. Short answers on: $(3 \times 2 = 6)$

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