B.Sc. (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2013-2014 onwards)
THIRD YEAR
PAPER IV – NURSING RESEARCH & STATISTICS

Q.P. Code : 664724

Time: Three hours   **Maximum : 75 Marks**

SECTION A
NURSING RESEARCH

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

1. Define sampling. Explain the types of sampling methods in detail with suitable examples.

II. Write notes on: **(5 x 5 = 25)**

1. Characteristics of good research.
2. Identification of problem area.
3. Historical research.
4. Bio-physiological measurements.
5. Communication of research findings.

III. Short answers on: **(5 x 2 = 10)**

1. Define reliability.
2. Types of hypothesis.
3. Write four important points of ethics in nursing research.
4. Types of survey method.
5. Write the purposes of literature review.

SECTION B
STATISTICS

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

1. The weight and Hb values for the students of a public school are recorded and given below. Calculate the correlation coefficient for the data.

Weight	10	12	14	13	16	18
Hb value	7	8	7	8	10	10

II. Short answers on: **(5 x 2 = 10)**

1. Scales of measurement.
2. Write any four statistical packages.
3. Type II error.
4. Normal probability curve.
5. Classification of data.

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