MEDICAL

[BSCN 0323]   **MARCH 2023**   Sub. Code: 4724
(FEBRUARY 2023 EXAM SESSION)

B.Sc. (Nursing) DEGREE EXAMINATION
(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. a) Define of Research and Nursing Research.
   b) List the characteristics of Good Research.
   c) Explain in detail the steps of Research process overview.

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

1. Criteria of a good research problem.
2. Item analysis.
3. Questioning method.
4. Utilization of Research findings.
5. Historical Research.

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

1. Need for Nursing Research.
2. Hypotheses.
3. Types of Validity.
4. Population.
5. Case study.

SECTION – B
STATISTICS

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

1. A group of 5 patients treated with medicine. A weights 42, 32, 48, 60 and 41 kg. A second group of 6 patients from same hospital treated with medicine B 38, 42, 56, 64, 67 and 69. Do you agree that medicine B increases weight significantly at $P < 0.05$ level (Table Value is 2.262).

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

1. Mention any four common diagrams used in statistics.
2. Write two properties of normal distribution.
3. State the types of Correlation.
4. Use of Chi Square.
5. Explain the Measures of Dispersion.

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