

[BSCN 0321]

**MARCH 2021
(AUGUST 2020 SESSION)**

Sub. Code: 4724

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***Write Section – A and B in the same Answer booklet.****Time: Three Hours****Maximum : 75 Marks****SECTION – A**
NURSING RESEARCH**I. Elaborate on:****(1 x 15 = 15)**

1. Mention the characteristics of qualitative research design and explain qualitative research design with suitable example.

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

1. Conceptual frame work.
2. Randomization.
3. Barriers to utilization of research findings.
4. Evidence based practice.
5. Grounded theory.

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

1. List two advantages of pilot study.
2. Two purpose of survey methods.
3. Mention two needs for research in nursing.
4. Define Hypothesis.
5. Steps in literature review.

SECTION – B
STATISTICS**I. Elaborate on:****(1 x 15 = 15)**

1. a) Discuss assumptions of Karl Pearson Correlation, Co-efficient methods.
b) Estimate SBP value when DBP – 90 using regression Co-efficient.

DBP -	78	95	76	92	98	95
SBP -	127	135	120	130	144	136

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

1. List the use of Chi-Square Test.
2. What is "P" value?
3. Type II error.
4. Normal probability curve.
5. Define mode.
