

QP Code: BNN403

B.Sc.(N) [4th Year]

BF/2021/11

Nursing Research & Statistics

Time : 3 Hours

[New Scheme w.e.f. 2006]

Max Marks : 75

- Note:*
- 1.) *Attempt all questions.*
 - 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
 - 3.) *The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*
 - 4.) *Use of Simple Calculator is allowed.*

SECTION-A (Nursing Research)

[50 Marks]

1. (a) Outline the difference between rating scale and checklist. [5]
 (b) Differentiate between probability and non probability sampling. [5]

2. (a) Explain directional and non directional hypothesis with example. [4]
 (b) Construct three MCQs to access the knowledge of nursing students regarding environmental hygiene. [6]
 (c) What is the difference between operational definition and conceptual definition. [5]

3. Define any **FIVE** : [5x2=10]
 (a) Cluster random sampling (b) Face validity (c) Test retest reliability
 (d) Sample (e) Pilot study (f) Plagiarism
 (g) Delimitation

4. Write Short Notes on any **THREE** of the following : [3x5=15]
 (a) Cross sectional design (b) Characteristics of good problem statement
 (c) Pretest post test design (d) Nominal data
 (e) Advantages of questionnaire

SECTION-B (Statistics)

[25 Marks]

5. Write short note on any **THREE** of the following : [3x5=15]
 (a) Inferential statistics
 (b) Level of significance
 (c) Normal distribution
 (d) Correlation coefficient

6. (a) Represent the following :data in the form of a bar graph/ histogram [5x2= 10]

Anxiety score	28	26	35	20	30
Age (years)	40	38	50	65	35

- (b) Calculate mean and mode of the weight (gms) of six new born babies at 38 weeks of gestation : 3500, 3500, 2562, 2300, 2683, 3100