

QP Code: BNN403

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

BF/2022/05

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 Q.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) Explain the need of research in nursing as a profession. [4]
 (b) Discuss Experimental research approach and its types. [6]

2. (a) Discuss the steps of writing research proposal. [5]
 (b) Explain the factors influencing sampling process. [5]
 (c) Discuss observation method of data collection with examples. [5]

3. Discuss the meaning of any **FIVE** of the following in relation to research : [5x2=10]
 (a) Objectives (b) Variables (c) Open ended questions
 (d) Ethical consideration (e) Level of significance (f) Study sample
 (g) DATA

4. Write Short Notes on any **THREE** of the following : [3x5=15]
 (a) Survey research approach (b) Summary and conclusion
 (c) Quantitative research design (d) Need of research study
 (e) Review of literature

SECTION-B (Statistics)

[25 Marks]

5. Write short note on any **THREE** of the following : [3x5=15]
 (a) Graphical representation of data
 (b) Variability measures
 (c) Methods of correlation
 (d) Statistical package and its application
 (e) Written communication of research findings

6. (a) Represent the following :data in the form of a bar graph/ histogram [4]

Intelligence score	25	28	20	26	35	30
Age (years)	40	35	50	38	63	43

- (b) Calculate the mean and mode of the monthly income (£) of six families: £35000, £34000, £ 25,500, £ 23000, £ 26000, £ 31050. [3+3= 6]