[Max. Marks: 40]

(Time: 3 Hours)
The candidate to complete Q P 9633 & 9634

NURSING RESEARCH (RS3 & RS4)

Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

ANSWER THE FOLLOWING   2 X 15 = 30 Marks

1. a) Describe the scope of nursing research in this modern era.
    b) Discuss the importance of ethics in Nursing Research.

2. Explain the purpose of survey research and discuss the types of survey approach.

SHORT NOTES (Answer any ONE)   1 X 10 = 10 Marks

3. Factors influencing sampling

4. Discuss importance, purposes and sources of Review of Literature.

Statistics (RS3 & RS4)

Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634

                                                           2 X 15 = 30 Marks
ANSWER THE FOLLOWING

1. a) Define correlation. What are the different types of correlation?
    b) The following is the knowledge and attitude scores of 10 persons recorded by a nursing researcher for the pilot study.

Knowledge score	24	36	29	27	33	30	22	20	21	25
Attitude score	41	56	48	45	76	64	42	50	56	80

Calculate Spearman's rank correlation and interpret the result. Also, find out the reliability coefficient. (5+1 = 15 marks)

2. a) Explain the need for testing of hypothesis.
    b) The following data was obtained by a researcher to assess the association between level of knowledge and type of family.

Type of family	Level of Knowledge			Total
	Inadequate	Moderately Adequate	Adequate	
Nuclear	36	27	2	65
Joint	17	5	13	35
Total	53	32	15	100

Test at 5% level of significance. (Critical value = 5.99). (5+10 = 15 marks)

SHORT NOTES (Answer any ONE)   1 X 10 = 10 Marks

3. Define different measures of vital statistics. Which of these measures are considered to be sensitive Indicators?

4. Define normal distribution. What are its properties?

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