

**Third Basic B.Sc. Nursing (2019) Examination, Winter - 2022**  
**NURSING RESEARCH AND STATISTICS**

Total Duration : 3 Hours

Total Marks : 75

**SECTION - A & SECTION - B**

- Instructions :**
- 1) Use **blue/black** ball point pen only.
  - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full marks**.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) **Use a common answerbook for all sections.**

1. Short answer question (Solve **any 5** out of 6) : **[5×5=25]**
  - a) Ethical principles in Nursing Research.
  - b) What is the importance of writing the Aim and objectives of a research study?
  - c) Discuss the elements of research problem.
  - d) Write a note on conceptual framework context to nursing research?
  - e) Write a note on scope of nursing research.
  - f) Discuss five major sources of literature?
  
2. Long answer question (Solve **any 1** out of 2) : **[1×10=10]**
  - a) Enlist the criteria for selecting a research design?
  - b) Discuss the nonexperimental research design?

3. Long answer questions (Solve **any 1** out of 2) :

[1×15=15]

- a)
  - i) Define Data collection.
  - ii) Discuss the advantages of conducting pilot study.
  - iii) Enumerate various methods of data collection in research.
- b)
  - i) Define Sampling.
  - ii) Discuss the types of snowball sampling technique.
  - iii) Discuss the probability sampling technique with example.

4. Short answer questions (Solve **any 3** out of 4) :

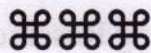
[3×5=15]

- a) Write a note on errors in statistical testing.
- b) Uses of statistics in research.
- c) Types of inferential statistics.
- d) Sources of demographic data.

5. Long answer questions (Solve **any 1** out of 2)

[1×10=10]

- a)
  - i) List down the features of correlation coefficient.
  - ii) Discuss the types of correlation.
- b)
  - i) Differentiate between parametric and Non-parametric test.
  - ii) Explain the parametric test used in nursing research.



**Third Basic B.Sc. Nursing Examination, (Phase - II) Summer - 2022**  
**NUSING RESEARCH AND STATISTICS**

Total Duration : 3 Hours

Total Marks : 75

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  - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full marks**.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) Use a common answerbook for **all** sections.

1. Short answer questions (Solve any 5 out of 6) : [5×5=25]
  - a) State any four needs of nursing research.
  - b) Characteristics of a good research problem statement.
  - c) Describe the steps in scientific method.
  - d) Write the purposes of review of literature.
  - e) What are the methods of Data Collection in grounded theory?
  - f) Explain historical approach in detail.
  
2. Long answer question (Sove any 1 out of 2) : [1×10=10]
  - a) List the types of sampling technique.
  - b) Explain about probability sampling technique.

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3. Long answer questions (any 1 out of 2) :

[1×15=15]

- a) Define Nursing research.
- b) What are the differences between Qualitative and Quantitative research?
- c) Describe in detail the steps involved in quantitative research process.

OR

- a) Define sampling.
- b) Explain the need for a sample.
- c) Explain the types of non-probability sampling technique in detail.

4. Short answer questions (Solve any 3 Out of 4) :

[3×5=15]

- a) Write a note on Frequency polygon.
- b) What are the different measures of central tendency.
- c) Describe the characteristics of normal curve.
- d) Difference between correlation and regression.

5. Long answer question (Solve any 1 Out of 2) :

[1×10=10]

- a) Discuss the types of Hypothesis.
- b) What are the steps involved in testing of hypothesis?

OR

- a) Enlist the Characteristics of pie diagram.
- b) Draw pie diagram for the following data on distribution of blood groups among 100 persons.

Blood group	Number of persons
O	43
A	36
B	12
AB	9

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