

First M.Sc. Nursing Examination, Summer (Phase - II) 2019
NURSING RESEARCH AND STATISTICS - IV

Total Duration : 3 Hours

Total Marks : 75

- 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 answer book for all sections.

SECTION - I (50 Marks)

(Research)

1. Long answer question: [12]
 - a) Define assumptions. What are different types of assumptions.? [3]
 - b) Explain sources of research problem. [4]
 - c) Ethical consideration in Nursing Research. [5]

2. Long answer question: [12]
 - a) Define reliability and validity. [3]
 - b) Characteristics of good Hypothesis. [4]
 - c) Discuss importance of Evidence based practice in nursing service, education and administration. [5]

c) Explain the steps of developing Conceptual Framework and its uses. [3]

[3 × 5 = 15]

4. Short answer question (any three out of five):
- a) Steps of Quantitative Research process.
 - b) Discuss the components of research problem statement.
 - c) Interview as a method of data collection.
 - d) Quasi experimental research design.
 - e) Uses of Computers in Nursing Research.

SECTION - II (25 Marks)
(Statistics)

5. Long answers question:
- a) Explain the meaning and significance of statistics in nursing. [10]
 - b) Explain briefly methods to test the reliability. [4]

[6]

6. Short answer question (any three out of five): [3 × 5 = 15]

- a) Chi square test.
- b) Non parametric tests.
- c) Measures of Central tendency.
- d) Standard Deviation.
- e) Sampling.

x x x



54008

First M.Sc. Nursing Examination, Summer 2017
NURSING RESEARCH AND STATISTICS – IV

Total Duration : 3 Hours

Total Marks : 75

- 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.

SECTION – I (50 Marks)
(Research)

1. Long answer question : (3+4+5=12)
 - a) Define evidence based nursing. List the purposes of evidence based nursing practice. 3
 - b) Explain the principles of ethics applicable to nursing research. 4
 - c) Enumerate Qualitative Research Designs and explain any two in detail. 5

2. Long answer question : (3+4+5=12)

You would like to find the reasons for decrease in the quality of nursing education. Answer the following on the basis of this statement :

 - a) Develop a problem statement for your study. 3
 - b) Describe pilot study in terms of definition and importance. 4
 - c) What are the components of a research proposal ? 5

P.T.O.



3. Long answer question : (2+4+5=11)
- a) What is the difference between content, construct and face validity of an instrument ? 2
 - b) Discuss non probability sampling techniques. 4
 - c) Describe data presentation techniques. 5
4. Write short answer (**any three** out of five) : (3×5=15)
- a) Descriptive analysis.
 - b) Methods of testing Reliability of a tool.
 - c) Purposes of using theoretical frameworks in nursing research.
 - d) Types of hypothesis.
 - e) Inductive reasoning.

SECTION – II (25 Marks)
(Statistics)

5. Long answer question : (4+6=10)
- a) Define Vital statistics. Enumerate the uses of vital statistics. 4
 - b) Describe measures of Central Tendency. 6
6. Write short answer (**any three** out of five) : (3×5=15)
- a) Standard deviation.
 - b) Latin squares design.
 - c) Use of statistical packages.
 - d) Rank order correlation.
 - e) Normal Distribution.



54008

First M.Sc. (Nursing) Examination, Summer 2015
NURSING RESEARCH AND STATISTICS – IV

Total Duration : Section A + B = 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 common answer book for **all Sections**.

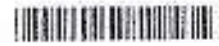
SECTION – A (50 Marks)

(Research)

1. Long answer. (3+4+5=12)
 - a) Explain inductive and deductive reasoning. 3
 - b) Explain the characteristics of good research. 4
 - c) Discuss the steps of qualitative research process. 5
2. Long answer. (3+4+5=12)
 - a) List down the components of problem statement. 3
 - b) Explain the need of stating research objective and explain its characteristics. 4
 - c) Explain the various types of hypothesis with example. 5
3. Long answer. (2+4+5=11)
 - a) List down non experimental research design. 2
 - b) Discuss about correlational research design. 4
 - c) Explain about internal validity of research design and discuss the threats to the internal validity. 5

P.T.O.

54008



4. Short answer question (any three out of five) : (3x5=15)
- a) Enlist and describe the essential parts of scientific publication.
 - b) Skills needed for writing literature review.
 - c) Problems encountered by researcher during sampling process.
 - d) Types of data for qualitative studies.
 - e) Types of snowball sampling and its merits and demerits.

SECTION – B (25 Marks)

(Statistics)

5. Long answer. (4+6=10)
- a) What do you mean by descriptive and inferential statistics? 4
 - b) Discuss the four levels of measurement in statistics. 6
6. Short answer question (any three out of five) : (3x5=15)
- a) Measures of location.
 - b) Tabulation.
 - c) Logistic regression.
 - d) Application of computers in biostatistics.
 - e) Confidence interval (CI).
-