

Third Basic B.Sc. Nursing Examination, Winter - 2023 (Phase - II)
Nursing Research and Statistics
(w.e.f. A.Y.2019 - 20 Admitted Batch)

Total Duration : 3 Hours

Total Marks : 75

- Instructions :**
- 1) Use **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 the 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.

Q1) Short answer question (Solve any five out of six):

[5 × 5 = 25]

- a) Describe in brief about assumption
- b) Write in detail about sources of data collection
- c) Discuss problems encountered by researcher in India
- d) Write the criteria for selecting good research problem
- e) Discuss factors affecting on selection of research design
- f) Discuss importance nursing research

Q2) Long answer question (any one out of two):

[1 x 10 = 10]

- a) Write importance of ethics in nursing research
- b) Discuss code of ethics in nursing research

Q3) Long Answer Questions(Solve any 1 Out of 2) :

[1 × 15 = 15]

- a)
 - i) Write purposes of research
 - ii) Discuss different tool and techniques used in nursing research
 - iii) discuss about experimental research method

OR

- b)
 - i) Write purposes of sampling
 - ii) Describe sampling process
 - iii) Discuss in brief about sampling techniques and explained in detail simple random sampling method

Q4) Short Answer Questions(Solve any 3 Out of 4)

[3 × 5 = 15]

- a) Write in brief about degree of freedom
- b) Describe in brief about 't test'
- c) Describe in brief about Bar charts
- d) Discuss in detail about mode

Q5) Long Answer Questions (Solve any 1 Out of 2) :

[1 × 10 = 10]

- a)
 - i) Write importance of Normal probability curve
 - ii) Discuss properties of Normal probability curve with diagram.
- b)
 - i) Write about standard deviation
 - ii) The following data depicts the weight of the adolescent girls . Calculate the standard deviation for the following continuous frequency data.

Weight in kg	60 - 64	64 - 68	68 - 71	71 - 74
No of Subjects	10	09	07	02

