Code/N/167

B.Sc. Nursing Seventh Semester Examination October - 2026

Subject – Nursing Research & Statistics

[Time : Three Hours] **[Maximum Marks: 75]**

Section-A (Nursing Research) **Max Marks-55**

(I) (a) Define research. Discuss its significance and scope in relation to nursing. (7)

(b) Enlist the characteristics of good research. (8)

(II) (a) Discuss characteristics of True Experimental research design. (5)

(b) Explain Quasi experimental research design in detail. (10)

(III) Write short notes (any 2) (2×5=10 Marks)

(a) Sources of literature review

(b) Types of Hypothesis

(c) Observation

(IV) Define the following (any 3) (3×2=6 Marks)

(a) Pilot study (b) Sample (c) Reliability (d) Validity

(V) MCQ – (1×9=9 Marks)

1. Another term used for cluster sampling is –

(a) Systematic sampling (b) Quota sampling (c) Multistage sampling (d) Network sampling

2. Consider this title "The lived experience of surviving a Tsunami" this title would indicate which of the following types of qualitative research.

(a) Ethnographic (b) Phenomenological (c) Action (d) Historical

3. Which of the following is a free online access to the scientific nursing/ Health sciences literature?

(a) PubMed (b) British nursing index (c) Registry of nursing research (d) CINAHL

4. Which of the following may be considered as characteristic (s) of a good hypothesis?

(a) Conceptual clarity (b) Empirical referents (c) Objectivity (d) All of the above

5. A statement of the expected relationship between two or more variables is known as the

(a) Concept definition (b) Hypothesis (c) Problem statement (d) Assumption

6. Which of the following can not be considered as component of the research problem?

(a) Research study tool (b) Variable (c) Study population (d) Research setting

7. A variable that change due to the action of another variable is known as –

(a) Independent variable (b) Extraneous variable (c) Dependent variable (d) Complex variable

8. Which of the following is NOT a purpose of Evidence Based Practice

(a) To improve patient care out come (b) To obtain more research funds

(c) To eliminate unsound practices (d) To provide high quality care

9. The word research is derived from which of the following term

(a) Recerchier (b) Researcher (c) Recherus (d) Recharge

Section-B (Statistics) **Max Marks-20**

(I) Write short note (Any 2) (2×5=10 Marks)

(a) Statistical packages and its application (b) Use of statistics (c) Coefficient of Correlation

(II) Define the following (3×2=6 Marks)

(a) Mean (b) Statistics (c) Data

(III) MCQ - (4×1=4 Marks)

1. Frequency of the occurrence of some event in a selected geographical area is termed as

(a) Measure (b) Trend (c) Ratio (d) Rate

2. Which of the following stands true for the full form of SPSS?

(a) Statistical package for social system (b) Statistical package for social science

(c) Statistical package for statistical science (d) Statistical package for statistical system

3. Which of the following is NOT a type of graph used in statistics

(a) Bar graph (b) Pie chart (c) Histograph (d) Triangle graph

4. The value that occurs most frequently in a data set is called

(a) Mean (b) Median (c) Mode (d) Range