C.U.SHAH UNIVERSITY
Winter Examination-2021

Subject Name: Nursing Research & Statistics

Subject Code: 4NS03NRS1   **Branch: B.Sc. (Nursing)**

Year: 3   Date: 21/09/2021   Time: 02:30 To 05:30   Marks: 75

Instructions:
 (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 (2) Instructions written on main answer book are strictly to be obeyed.
 (3) Draw neat diagrams and figures (if necessary) at right places.
 (4) Assume suitable data if needed.
 (5) Section A and B must be written in separate Answer books.

SECTION – I (38 marks)

Q-1 Define nursing research. Explain characteristics of good research. **[2+8=10]**

Q-2 Describe sources of research problem.   **[9]**
OR
Describe the criteria for selecting a good research problem.

Q-3 Write short notes on any three: **[3x3=9]**
   a) Types of research objectives
   b) Importance of literature review
   c) Ethnographic research
   d) Purposes of sampling
   e) Convenience sampling

Q-4 Define the following :   **[2x5=10]**
   a) Hypothesis
   b) Assumptions
   c) Limitations
   d) Cross-sectional design
   e) Simple random sampling

SECTION – II (37 marks)

Q-5 Define interview. Explain the types of interviews. **[2+8=10]**

Q-6 Calculate the mean age of the following group of people. **[8]**

Class interval of age	Number of people
15-20	15
20-25	20
25-30	40
30-35	60

OR

There are 100 adolescent girls. The following data gives the age of 100 adolescent girls. Find the mean age.

Age in year	Number of students
16	35
17	31
18	20
19	14

Q-7 Write short notes on any three: **[3x3=9]**
   a) Likert scale
   b) Check list
   c) Research proposal
   d) Characteristics of good Research Report
   e) Scales of measurements

Q-8 Define the following : **[2x5=10]**
   a) Primary data
   b) Validity
   c) Reliability
   d) Pilot study
   e) Discrete data