SS/BSN-3 & 4/NRS/08-18

2 0 1 8

(August)

NURSING RESEARCH & STATISTICS

Full Marks : 75

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **all** questions

FIRST HALF

1. List down the sources of a research problem. Explain the criteria of a good research problem. Describe the variables that involve in a research study.　　　3+4+8=15

2. Explain the concept of population in research. Discuss in detail the types of non-probability sampling with suitable examples.　　　5+10=15

Or,

What is data? How do you classify data? Explain questioning as a method of data collection in Research.

2+5+8=15

(Turn Over)

3. What do you mean by experimental and non-experimental research design? – Explain with their features. Describe pre-experimental research design with suitable example.

5+5=10

4. Write short notes of the following (*any five*)   3×5=15

    (a) What is qualitative study?

    (b) What is assumption?

    (c) What is hypothesis?

    (d) What are the sources of review of literature?

    (e) What do you mean by sampling criteria?

    (f) What do you mean by content validity of a tool?

    (g) What do you mean by research utilization?

    (h) How do you critique a research problem statement?

SECOND HALF

5. Calculate SD of the following data: 2

    8,11,15,16,18,13,12,10

6. Calculate the co-efficient of co-relation for the following data.   5

X	10	12	18	24	23	27
Y	13	18	12	25	20	10

7. Find the mean, median, respiratory rate per minute in 9 cases where the rates were found to be: 23,22,20,24,16,17,18,19 and 21.   4

8. Write short notes on (*any three*)   3×3=9

    (a) Parametric Test

    (b) Frequency distribution

    (c) Pi-diagram

    (d) Chi-square test

* * *