Day : Thursday
Date 14/10/2021

W-2021 - 22436

Time : 10:00 A.M. TO 1:00 P.M.
Max. Marks : 75

N.B. :
1) All question are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Both the sections should be written in **SEPARATE** answer books.

SECTION – I

Q.1   Write short answer on **ANY FIVE** of the following: (10)

   a) Define validity.
   b) List down characteristics of good research.
   c) Define problem statement.
   d) Define cluster sampling.
   e) Define research and nursing research.
   f) List down different variables
   g) What is research objective?

Q.2   Write short notes on **ANY FOUR** of the following: (16)

   a) Reliability
   b) Sources of data for research.
   c) Data collection procedure.
   d) Rating scale
   e) Importance of review of literature in nursing research.
   f) Discuss the steps of formulation of research problem

Q.3   Long answer question : answer any **ONE** of the following: (12)

   a) Define research design.   (02)
   b) Write in detail about quasi -experimental research design   (05)
   c) Interview as a method of data collection   (05)

OR

   a) Enlist research approaches.   (02)
   b) Write down difference between qualitative and quantitative research.   (05)
   c) Write difference between hypothesis and Assumption.   (05)

SECTION – II

Q.4   Write short answer on **ANY FIVE** of the following: (10)

   a) DOT diagram
   b) Define Bio-statistics
   c) Mean
   d) Frequency distribution
   e) Define discrete data
   f) Explain Assumption
   g) Define "operational definition"

P.T.O.

Q.5   Write short notes on **ANY FOUR** of the following: (16)

a) Research utilization
b) Characteristics of Normal distribution curve
c) Significance of co-efficient of correlation
d) Discuss ethics in Nursing Research
e) Prepare a frequency table using class interval for the following data:
21,24,27,29,30, 32,33,35,38,42,45
f) Intelligence test of two groups of boys and girls the following results:

1st group boys	Mean : 80	S. D. = 10	N_1 = 140
2nd group girls	Mean : 82	S. D. = 9	N_1 = 120

Is the difference between two standard deviations is significant not?

Q.6   Long answer question : answer any **ONE** of the following: (11)

a) Define Questionnaire.   (02)
b) Discuss the different types of Questionnaire.   (04)
c) Discuss the different methods of communication of research findings.   (05)

OR

a) Define Population and Sample.   (02)
b) What are the requirement of a Good Sample?   (04)
c) Discuss the factors which influence sampling process.   (05)

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