Final Year B·Sc·(Nursing)2007 Course's Winter·2018
SUBJECT: NURSING RESEARCH AND STATISTICS

Day : Friday   Time : ⎯
Date : 05·10·2018   W-2018-4030   Max. Marks: 15.

N.B.:
1) All questions are **COMPULSORY**.
2) You have to make (√) such kind of mark in the box of appropriate answer.
3) Section-A should be completed in 15 minutes.
4) Students will not be allotted any marks if he/ she overwrite or put ink on the box once marked.
5) There is not negative marking.

Seat No. _____   **Total Marks obtained :** _____

Jr. Supervisor's Signature : _____   **Signature of Examiner:** _____

SECTION-A

Q. 1 Choose the most appropriate answer   **(1 x 15 = 15)**   **(15)**

1) A variable that changes due to the action of another variable in called as _____
   a) Independent variable
   b) Extraneous variable
   c) Dependent variable
   d) Complex variable

2) Which of the following design controls the sensitization of subjects to a pretest?
   a) Pre test – post test control group design
   b) Time series design
   c) One shot case study
   d) Solomon four-group design

3) The general methodology for developing theory that in based on data systematically gathered and analyzed is _____
   a) Theory confirmation
   b) Theory deduction
   c) Grounded theory
   d) System theory

4) Which primarily data is provided by Open ended questions?
   a) Confirmatory data
   b) Qualitative data
   c) Predictive data
   d) Observative data

5) The process of drawing a sample from a population is known as

a) Sampling

b) Census

c) Survey

d) Element

6) The process of qualifying data is referred as

a) Typology

b) Diagramming

c) Enumeration

d) Coding

7) Which of the following type of reliability indicated the consistency of test scores over time?

a) Equivalent forms reliability

b) Inter-score reliability

c) Split-Half reliability

d) Test – retest reliability

8) When conducting a literature review it is advisable to?

a) Seek most of the information from internet

b) Gather literature from books

c) Gather literature from journals

d) Seek assistance from librarian

9) A measure of variability of scores or value about mean is known as

a) Mean

b) Mode

c) Median

d) Standard Deviation

10) Ordinal measurement involves

a) Ranking of objects

b) Sorting of objects on the basis of their relative standing to each other

c) Interval between two objects

d) Ratio between two objects

11) 30 Babies were born in a hospital. 10 babies were less than 2.5 kg and 20 were greater than 2.5 kg. The average is

a) Arithmetic mean

b) Median

c) Mode

d) Geometric mean

12) Census in India is taken once in a

a) Every year

b) Every 10 years

c) Every 5 years

d) Every 6 months

13) Which of the following type of diagram can be used to find out relationship between two variables?

a) Pictogram

b) Bar diagram

c) Histogram

d) Scatter diagram

14) Significant 'P' value is

a) 0.05

b) 0.01

c) 0.1

d) 0.005

15) The most frequently occurring number in a set of value is known as

a) Mean

b) Median

c) Mode

d) Standard deviation

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Final Year B.SC. (NURSING) (2007 COURSE) : WINTER- 2018
SUBJECT: NURSING RESEARCH AND STATISTICS

Day : Friday
Date : 05/10/2018

W-2018-4030

Time : 10.00 A.M. TO 01.00 P.M.
Max. Marks: 60.

N.B.:
1) All questions are **COMPULSORY.**
2) Figures to the **RIGHT** indicate full marks.
3) Section-B and Section-C should be written in **SEPARATE** answer books.
4) Draw neat and labeled diagrams **WHEREVER** necessary.

SECTION-B

Q.2 a) Define Research Design. (02)
    b) List down the type of research design. (03)
    c) Explain in brief about the analysis of Quantitative data. (05)

OR

a) Define Nursing Research. (02)
b) Write the scope of research in Nursing. (03)
c) Explain the steps of research process. (05)

Q.3 a) Discuss non probability sampling technique. (05)
    b) Discuss the advantages and disadvantages of an observation checklist. (05)

Q.4 Write short notes on any **FOUR** of the following: (20)

    a) Characteristics of good questionnaire.
    b) Pilot Study.
    c) Benefits of dissemination of research findings.
    d) Hypothesis.
    e) Methods of data collection.
    f) Different sources of review literature.

SECTION-C

Q.5 a) Define normal probability. (02)
    b) Write the characteristics of Normal Probability Curve. (03)
    c) Write a short note on Measures of Central Tendency. (05)

Q.6 The blood pressure (systolic) of 10 individuals are as follows: (10)
100, 110, 115, 120, 126, 124, 114, 110, 130, 120.
Calculate Mean, Mode and Median.

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