

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

Day : Friday
Date : 05.10.2018

W-2018-4030

Time : —
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 is 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 is 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

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

W-2018-4030

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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