

# Fourth Year B.Sc. (Nursing) (2007 Course)

## SUBJECT: NURSING RESEARCH AND STATISTICS

Day :  
Date :

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) What is the key defining characteristic of experimental research?
  - a) Extraneous variables are never present
  - b) A positive correlation usually exists
  - c) A negative correlation usually exists
  - d) Manipulation of the independent variable
  
- 2) Research Hypothesis are
  - a) Formulated prior to review of literature
  - b) Statement of predicted relationship between the variables
  - c) Stated such that they can be confirmed or tested
  - d) Belief about any natural phenomenon
  
- 3) When a researcher starts with the dependent variable and moves backwards, it is called as?
  - a) Retrospective research
  - b) Predictive research
  - c) Exploratory research
  - d) Descriptive research
  
- 4) The type of qualitative research that describes the culture of a group of people is known as
  - a) Ethnography
  - b) Case study
  - c) Phenomenology
  - d) Grounded theory

- 5) Reliability is most simple known as which of the following:
- a) Consistency or stability
  - b) Appropriateness of interpretation
  - c) Ways in which people are the same
  - d) A rank order of participants on same characteristic
- 6) The process of marking segments of data with symbols, descriptive words, or category names is known as
- a) Concurring
  - b) Coding
  - c) Coloring
  - d) Segmenting
- 7) The process of selecting a subset of population for a survey is known as
- a) Survey research
  - b) Triangulation
  - c) Sampling
  - d) Representation
- 8) A review literature is
- a) Everything that is known about subject
  - b) An analytical summary of findings
  - c) All approved data on a research topic
  - d) Compilation of all negative results
- 9) Which of the following is the formula for Range?
- a)  $H + L$
  - b)  $H - L$
  - c)  $H \times L$
  - d)  $H \div L$
- 10) Which measure of central tendency takes into account the magnitude of scores?
- a) Mean
  - b) Median
  - c) Mode
  - d) Range
- 11) Which is NOT the measure of central tendency?
- a) Mode
  - b) Median
  - c) Range
  - d) Mean

12) Which of the following is NOT the measures of variability?

- a) Median
- b) Variance
- c) Standard Deviation
- d) Range

✓

13) The group that does not receive the experimental treatment is called as

- a) Experimental group
- b) Control group
- c) External group
- d) Observatory group

✓

14) Hypothesis testing and estimation are both type of descriptive statistics

- a) True
- b) False

✓

15) A graph that uses vertical bars to represents data is called

- a) Line graph
- b) Bar graph
- c) Scatter plot
- d) Vertical graph

✓

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