

Final Year B.Sc Nursing (2007 Course) SUMMER-2018

SUBJECT: NURSING RESEARCH AND STATISTICS

Day : Wednesday

Time : -

Date : 18-04-2018

Max. Marks: 15.

S-2018-3872

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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**FINAL YEAR B.SC. (NURSING) (2007 COURSE) : SUMMER -
2018**

SUBJECT: NURSING RESEARCH AND STATISTICS

Day : **Wednesday**

Time : **10.00 AM TO 01.00 PM**

Date : **18/04/2018**

S-2018-3872

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.
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SECTION-B

- Q.2**
- a) Define Nursing Research. **(02)**
 - b) Explain the need for research in Nursing. **(03)**
 - c) Enumerate the steps of Research Process. **(05)**

OR

- a) Discuss the types of Quantitative Research Design. **(05)**
 - b) Describe the quasi-experimental research design. **(05)**
- Q.3**
- a) Explain the types of sampling techniques. **(05)**
 - b) Enumerate the methods of data collection. **(05)**
- Q.4** Write short notes on any **FOUR** of the following: **(20)**
- a) Characteristics of good questionnaire.
 - b) Criteria for problems selection
 - c) Sources of Literature Review
 - d) Pilot study
 - e) Hypothesis
 - f) Steps in data analysis.

SECTION-C

- Q.5**
- a) Define Mean. **(02)**
 - b) Write the advantages and disadvantages of mean. **(03)**
 - c) Write a short note on Normal probability. **(05)**
- Q.6** Calculate Mean, Media and Mode. **(10)**
6, 7, 8, 10, 12, 3, 2, 1, 8, 8.

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