

FINAL YEAR B.SC. (NURSING) (2007 COURSE) : WINTER -
2017

SUBJECT: NURSING RESEARCH & STATISTICS

Day: Monday
Date: 09/10/2017

Time: _____
Max. Marks: 15

W-2017-3746

N.B.:

- 1) Put a \surd in the appropriate box in front of the correct answer.
- 2) Use a **blue ball point pen** only.
- 3) Each questions carries **ONE** mark.
- 4) Students will not be allotted marks if he/ she overwrites/ strikes or puts white ink on the tick once marked.
- 5) This answer sheet should be returned to supervisor after **15** minutes.

Seat No: _____

Total Marks Obtained: _____

Jr. Supervisor: _____

Examiners Signature: _____

SECTION-A

Q.1 MCQ:

- 1) A magazine printed a survey in its monthly issue, and asked readers to fill it out and send it in. Over 1000 readers did so. This type of sample is called.
 - a) Cluster sample
 - b) Self-selected sample
 - c) Stratified sample
 - d) Simple random sample
- 2) Which one of the following variable is **NOT** categorical?
 - a) Age of a person
 - b) Gender of person male or female
 - c) Choice of test item true or false
 - d) Marital status of a person (single, married, divorced, other)
- 3) A list of 5 pulse rate is: 70, 64, 80, 74, 92 what is the median for this list?
 - a) 80
 - b) 76
 - c) 77
 - d) 74
- 4) One of the measures of central tendency is:
 - a) Standard deviation
 - b) Arithmetic mean
 - c) Correlation
 - d) Analysis of variance

P. T. O.

- 5) 'F' test is used to find out
- a) The difference between the means
 - b) The association between the means
 - c) The difference amongst variable
 - d) The difference between median
- 6) Following is a graphical record of set of rectangles.
- a) Frequency polygon
 - b) Histogram
 - c) Pie diagram
 - d) Cumulative frequency
- 7) Item discrimination indices helps the investigator to find the
- a) Reliability of test
 - b) Validity
 - c) Score on the test
 - d) Defective items of the test
- 8) Which of the following is an excellent source for a research topic?
- a) Through library search
 - b) Personal experience
 - c) Replication of prior research
 - d) All of the above
- 9) Which of the following describe the middle part of a group of numbers.
- a) Measures of variable
 - b) Measures of central tendency
 - c) Measures of association
 - d) Measure of shape
- 10) The sum of deviation about the mean is always.
- a) Range
 - b) Positive
 - c) Zero
 - d) Negative

- 11) In inferential statistics, we study.
- a) The methods to make decision about population based on the sample results
 - b) How to make decisions about mean, median, or mode
 - c) How a sample is obtained from a population
 - d) None of the above
- 12) In descriptive statistics, we study :
- a) The description of decision making process
 - b) How to describe the probability distribution
 - c) The methods for organizing, displaying and describing data
 - d) All of the above
- 13) Data in the population census report is:
- a) Grouped data
 - b) Secondary data
 - c) Ungrouped data
 - d) Primary data
- 14) When data is collected in a statistical study for only a portion or subset of all the elements of interest , is called as :
- a) A sample
 - b) A parameter
 - c) A population
 - d) Both b and c
- 15) Correlation coefficient values lies between:
- a) -1 and + 1
 - b) 0 and 1
 - c) -1 and 0
 - d) None of the above

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2017**

SUBJECT: NURSING RESEARCH & STATISTICS

Day: Monday
Date: 09/10/2017

Time: 09.00 A.M. TO 12.00
Max. Marks: 60 **NOON**

W-2017-3746

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.

SECTION-B

- Q.2**
- a) What is Scientific approach? **(02)**
 - b) What are the characteristics of scientific approach? **(04)**
 - c) Differentiate between inductive and deductive reasons. **(04)**

OR

- Q.2**
- a) Define Review literature. **(05)**
 - b) What are the objectives of review literature? **(05)**
 - c) Explain the steps of review literature.
- Q.3**
- a) List methods of data collection. **(05)**
 - b) Describe interview as a method of data collection. **(05)**

- Q.4** Write short notes on any **FOUR** of the following: **(20)**
- a) Feasibility of research
 - b) Importance of sampling
 - c) Vancouver method of Citation
 - d) Ethical Principles in Nursing research
 - e) Types of Validity
 - f) Principles of Research report writing

SECTION-C

- Q.5**
- a) Define Mean. **(02)**
 - b) Explain the central tendency. **(03)**
 - c) Enlist the different tests used for Reliability **(05)**
- Q.6** Calculate the median for discrete frequency table given below: **(10)**

Age	18	19	20	22	23
No. of Students	15	20	08	15	02