

1) Father of health statistics is :

- 1) John Snow
- 2) John Stuart
- 3) Frederick Mc Kay
- 4) Pierre Fauchard

**Answer - 2**

2) ..... is a study in which treatments are randomly assigned to participants

- 1) Placebo
- 2) Non response bias
- 3) Nonparticipant bias
- 4) Randomized experience

**Answer – 4**

3) A random sample suggests that :

- 1) A person in a control group will not be a member of the experiment group
- 2) Every nth name on a list is selected
- 3) Any member of a group to be studied has an equal opportunity to be included
- Subjects are volunteers

**Answer – 3**

4) ..... is a variable that is not the main concern of the study but may be partially responsible for the observed results.

- 1) Sample variable
- 2) Treatment variable
- 3) Endogenous variable
- 4) Confounding variable

**Answer – 4**

5) The branch of statistics that deals with testing of hypothesis, making prediction using data collected is called as

- 1) Inferential biostatistics
- 2) Descriptive statistics
- 3) Predictive biostatistics
- 4) Comparative biostatistics

**Answer – 1**

6) What statistical test would be used with ordinal data obtained from one sample?

- 1) Wilcoxon
- 2) Spearman's
- 3) Mann-Whitney
- 4) Related t-test

**Answer – 2**

7) If there is a probability of 5% in how many cases would a result arise solely due to chance?

- 1) 5/100

- 2) 0.0005
- 3) 10/50
- 4) 1/50

**Answer – 1**

- 8) For fraternal twins, the odds in favor of having children that are twins are 1/16. Based upon this information, what is the probability of a fraternal twin not having children that are twins?
- 1) 1/16
  - 2) 15/16
  - 3) 1/17
  - 4) 16/17

**Answer – 4**

- 9) Which of the following is the first step in starting the research process?
- 1) Searching sources of information to locate problem.
  - 2) Survey of related literature
  - 3) Identification of problem
  - 4) Searching for solutions to the problem

**Answer-3**

- 10) What do you consider as the main aim of inter disciplinary research?
- 1) To over simplify the problem of research
  - 2) To bring out holistic approach to research
  - 3) To create a new trend in research methodology
  - 4) To reduce the emphasis of single subject in research domain

**Answer-2**

- 11) We use Factorial Analysis:
- 1) To test the Hypothesis
  - 2) To know the difference between two variables
  - 3) To know the relationship between two variables
  - 4) To know the difference among the many variables

**Answer-2**

- 12) Research ethics do not include:
- 1) Integrity
  - 2) Honesty
  - 3) Objectivity
  - 4) Subjectivity

**Answer-4**

- 13) Which of the following will produce the least sampling error?
- 1) A large sample based on convenience sampling
  - 2) A small sample based on random sampling
  - 3) A large snowball sample
  - 4) A large sample based on random sampling

**Answer-4**