

Question FBQ1 : _____ can be useful as a tool in making effective decisions through scientific process.

Answer: Statistics

Question FBQ2 : _____ could be defined as pieces of information that represent the qualitative or quantitative attributes of set of variables.

Answer: Data

Question FBQ3 : _____ could vary in quantity or in quantity.

Answer: Variable

Question FBQ4 : _____ consists of the totality of the observations of a particular group.

Answer: Population

Question FBQ5 : _____ is a subset of a population.

Answer: Sample

Question FBQ6 : Statistics has three distinct part namely; Descriptive statistics, Inferential statistics and _____ statistics.

Answer: Experimental

Question FBQ7 : A statistical _____ is a statement or postulation or a theory about the relationship between a dependent and independent variable.

Answer: Hypothesis

Question FBQ8 : _____ data is generated directly by the researcher for the purpose of the research project.

Answer: Primary

Question FBQ9 : Data collected by investigator from printed materials published by another person are called _____ data.

Answer: Secondary

Question FBQ10 : The great German Mathematician George Cantor who defined set lived between 1845 to _____.

Answer: 1918

Question FBQ11 : A finite set is one whose members are _____.

Answer: Countable

Question FBQ12 : An infinite set is one whose elements are _____.

Answer: Uncountable

Question FBQ13 : A set that contains no element is called _____ set.

Answer: Null

Question FBQ14 : _____ set is the set of all elements under consideration.

Answer: Universal

Question FBQ15 : An _____ is a collection of statements specially arranged.

Answer: Argument

Question FBQ16 : A _____ is a sentence that is either True or False but NOT both simultaneously.

Answer: Statement

Question FBQ17 : In Mathematics, the word _____ is used to describe a process that will generate numeric data, which can be used for analysis.

Answer: Experiment

Question FBQ18 : A true statement is said to have a truth value _____.

Answer: T

Question FBQ19 : A _____ is a graph in the shape of a circular pie.
Answer: Pie chart

Question FBQ20 : There are _____ basic categories of statements in Mathematics.
Answer: Two

Question FBQ21 : A _____ statement is a combination of two or more simple statements.
Answer: Compound

Question FBQ22 : _____ entails the use of pictures to explain or illustrate statistical data.
Answer: Pictogram

Question FBQ23 : Only _____ information is represented on a simple bar chart.
Answer: One

Question FBQ24 : In a _____ bar chart two or more set of interrelated data are represent.
Answer: Multiple

Question FBQ25 : A false statement is said to have a truth value _____.
Answer: F

Question FBQ26 : The most important form of tabulation is the _____ distribution.
Answer: Frequency

Question FBQ27 : Frequency _____ are very useful if we want to compare two distributions.
Answer: Editing

Question FBQ28 : _____ frequency curve is also called Ogive graph.
Answer: Cumulative

Question FBQ29 : The _____ is the most important measure of central tendency.
Answer: Mean

Question FBQ30 : The symbol is Σ called sigma, which is used in mathematics to denote _____.
Answer: Summation

Question FBQ31 : Quartile partitions the array is divided into _____ equal groups.
Answer: Four

Question FBQ32 : The middle quartile (second quartile) is represented with _____.
Answer: Q2

Question FBQ33 : Deciles position the data array is divided into _____ equal groups.
Answer: Ten

Question FBQ34 : A _____ is another measure of partition that partitions data array into hundred equal groups.
Answer: Percentile

Question FBQ35 : _____ is defined as the difference between the largest and the smallest values of a data set.
Answer: Range

Question FBQ36 : _____ Deviation is an improvement of mean deviation.

Answer: Standard

Question FBQ37 : Probability can be classified into two types namely:
Experimental and _____ probability.

Answer: Theoretical

Question FBQ38 : If in a throw of a coin a head shows up then the head (H) is an
_____.

Answer: Outcome

Question FBQ39 : Throwing a fair coin once would have a sample space of _____.

Answer: H, T

Question FBQ40 : Two or more events are _____ exclusive if they cannot occur (or
happen) at the same time.

Answer: Mutually

Question FBQ41 : The type of experiment that the results are always subject to
chances is called _____.

Answer: Random

Question FBQ42 : Sample is a portion, piece or segment that _____ the whole

Answer: Represents

Question FBQ43 : A sample _____ is a method of collecting data.

Answer: Survey

Question FBQ44 : When a sample is chosen at random from a population it is said
to be an _____ sample.

Answer: Unbiased

Question FBQ45 : _____ can be defined as a search for knowledge or any
systematic investigation to establish facts.

Answer: Research

Question FBQ46 : The type of arrangement in which the order of arrangement is
less important is called Combination _____.

Answer: Combination

Question FBQ47 : There are two sources of historical data namely; _____ and
secondary source.

Answer: Primary and Secondary

Question FBQ48 : _____ usually contain questions aimed at getting
specific information on a variety of topics.

Answer: Questionnaires

Question FBQ49 : The process where individuals or a group of people are
commissioned to watch and record happenings or events is called _____.

Answer: Observation

Question FBQ50 : _____ is the administering of the instrument through
telephone.

Answer: Telephone Method

Question MCQ1 : The term "statistics" can be useful as a tool in making
effective decisions through a _____ process.

Answer: Scientific

Question MCQ2 : _____ could be defined as pieces of information that represent
the qualitative or quantitative attributes of a variable or set of variables.

Answer: Data

Question MCQ3 : A _____ is any quality that can have a number of values, which may be either discrete or continuous.

Answer: Variable

Question MCQ4 : A _____ is the arrangement of a set of numbers which is classified according to some attributes such as age, height, weight, etc.

Answer: Distribution

Question MCQ5 : Statistics has _____ distinct parts.

Answer: Three

Question MCQ6 : The first task a researcher must set for himself/herself is to prepare a _____ of the statistical inquiry s/he is embarking upon.

Answer: Statement of purpose

Question MCQ7 : There are two major sources of data and they are; _____ and _____.

Answer: Primary and Secondary

Question MCQ8 : _____ involves going through published works by scholars on the subject matter.

Answer: Literature review

Question MCQ9 : The great _____ Mathematician George Cantor (1845-1918) defines a set as any collection of definite distinguishable, objects of our intuition or of our intellect to be conceived as a whole.

Answer: German

Question MCQ10 : A _____ set is one whose members are countable.

Answer: Finite

Question MCQ11 : Which of the following is not a statement?

Answer: Do you understand?

Question MCQ12 : A true statement is said to have a truth value ____ while a false statement is said to have a truth value ____.

Answer: T, F

Question MCQ13 : _____ entails the use of pictures to explain or illustrate statistical data.

Answer: Pictogram

Question MCQ14 : On a simple bar chart only _____ information is represented

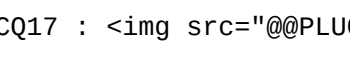
Answer: Four

Question MCQ15 :  This is an example of _____

Answer: Multiple bar chart

Question MCQ16 : Histogram is a _____ in which class boundaries or class interval is marked on the horizontal axis and the corresponding class frequency on the vertical axis.

Answer: Graph

Question MCQ17 :  This is an example of _____

Answer: Cumulative Frequency curve

Question MCQ18 : The arithmetic _____ is the most important measure of central tendency.

Answer: Mean

Question MCQ19 : The symbol called sigma is used in mathematics to denote

Answer: Summation

Question MCQ20 : Find the Median of: 1, 1, 2, 2, 2, 2, 3, 3, 4, 5, 5

Answer: 2

Question MCQ21 : The _____ of a distribution is the value, which occurs most frequently in the distribution.

Answer: Mode

Question MCQ22 : An infinite set is one whose elements are _____, as they are infinitely numerous.

Answer: Countable

Question MCQ23 : In the Computation of Quartiles, which step come first?

Answer: Arrange the data in order of magnitude from the lowest.

Question MCQ24 : A _____ is another measure of partition that partitions data array into hundred equal groups.

Answer: Percentile

Question MCQ25 : _____ is defined as the difference between the largest and the smallest values of a data set.

Answer: Range

Question MCQ26 : The range of the set of numbers; 8, 4, 10, 12, 6, 7, 8, 15, 14, is _____.

Answer: $15-4=11$

Question MCQ27 : Mean deviation takes into consideration the limitation of _____ and _____.

Answer: Range and quartile deviation

Question MCQ28 : Standard Deviation is improvement of _____.

Answer: Measure of dispersion

Question MCQ29 : Probability can be classified into _____ types.

Answer: Two

Question MCQ30 : Experiment can be classified into two groups namely: _____ and _____ experiment.

Answer: Deterministic and Random

Question MCQ31 : An _____ is the result of any experiment carried out under a well-defined condition in probability.

Answer: Outcome

Question MCQ32 : The sample space of a random experiment is the collection or set of all possible distinct outcomes of the experiment. Throwing a fair coin once would have a sample space of _____

Answer: H, T

Question MCQ33 : A sample point is a _____ point in the sample space.

Answer: Single

Question MCQ34 : An _____ is simply a subset of the sample space.

Answer: Event

Question MCQ35 : Two or more events are _____ exclusive if they cannot occur (or happen) at the same time.

Answer: Mutually

Question MCQ36 : Two or more events are said to be _____ if the occurrence of one event does not affect or influence the occurrence of the

second event.

Answer: Independent

Question MCQ37 : Two or more events are said to be _____ if the occurrence of one event does affect or influence the occurrence of the second event.

Answer: Dependent

Question MCQ38 : The _____ (or arrangement) of n distinct objects is its factorial.

Answer: Permutation

Question MCQ39 : The concept of cyclic permutation is about arrangement of objects about a _____.

Answer: Circle

Question MCQ40 : When modifications or restrictions are placed on the order of arrangement of distinct objects the permutation is called a _____.

Answer: Conditional permutation

Question MCQ41 : _____ is about selecting a certain number of r objects from a set of n objects.

Answer: Combination

Question MCQ42 : The foundation of probability is usually ascribed to the _____ French Mathematicians.

Answer: 17th-century

Question MCQ43 : A sample survey is a method of collecting _____.

Answer: Data

Question MCQ44 : For a sample to be a random sample, every member of the _____ must have an equal chance of being selected.

Answer: Population

Question MCQ45 : There are _____ types of sampling.

Answer: Five

Question MCQ46 : _____ can be defined to be search for knowledge or any systematic investigation to establish facts.

Answer: Research

Question MCQ47 : A _____ is used to make predictions that can be tested by observing the outcome of an experiment.

Answer: Hypothesis

Question MCQ48 : Most funding for scientific research comes from _____ major sources.

Answer: Two

Question MCQ49 : The _____ research deals with the determination, evaluation and explanation of the past events for the purpose of understanding the present and predicting the future.

Answer: Historical

Question MCQ50 : _____ is a method of obtaining information through the answers supplied by a respondent who fills the materials forwarded to him or her.

Answer: Questionnaire