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 ∑ 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 continious.

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 : <img src="@@PLUGINFILE@@/Picture3.png" alt=""/>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 : <img src="@@PLUGINFILE@@/Picture1.png" alt=""/>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<em> space </em>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 <em>\_\_\_\_\_\_\_\_\_\_\_ </em>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 <em>\_\_\_\_\_\_\_\_\_\_\_\_\_ </em>if the occurrence of one event does affect or influence the occurrence of the second event.

Answer: Dependent

Question MCQ38 : The <em>\_\_\_\_\_\_\_\_\_\_\_ </em>(or arrangement) of <em>n </em>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 <em>\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_</em>.

Answer: Conditional permutation

Question MCQ41 : \_\_\_\_\_\_ is about selecting a certain number of <em>r </em>objects from a set of <em>n </em>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