

Question FBQ1 : A ____ is the total collection of all the possible outcomes of an experiment

Answer: Sample space

Question FBQ2 : An outcome is the possible results of an ____

Answer: Experiment

Question FBQ3 : ____ is a part of the sample space, it is any possible subset of the sample space

Answer: Event

Question FBQ4 : If Seven Doctors assembled for a meeting, shake hands with one another, ____ number of handshakes take place

Answer: 5040

Question FBQ5 : A ____ is a selection of n distinct objects without regard to order

Answer: Combination

Question FBQ6 : ____ data is a first-hand data collected from the source by the researcher e.g. Questionnaire, information, data from observation or interviewers

Answer: Primary

Question FBQ7 : The square of standard deviation is referred to as ____

Answer: Variance

Question FBQ8 : If four coins and a die are flipped in succession, then the number of possible outcomes is ____

Answer: 96

Question FBQ9 : The word HEALTH can be written in ____ number of ways

Answer: 720

Question FBQ10 : Application of science of statistics to solve various ____ problems are known as Biostatistics.

Answer: Medical

Question FBQ11 : A sample is referred to as a fractional part / sub-set of the entire ____

Answer: Population

Question FBQ12 : The goal of NIGEP is to eradicate ____ disease in year 1995

Answer: Guinea worm

Question FBQ13 : Five variables measured in physiology are: life span of red blood cells, pulse rate of an elderly woman, blood pressure of an adult man, normal body temperature of a child and ____

Answer: Haemoglobin

Question FBQ14 : Provision of primary, secondary and tertiary ____ care facilities is one of the four common areas of emphasis by past health plans

Answer: Health

Question FBQ15 : Bar chart is a sample of ____ charts (population)

Answer: Statistical

Question FBQ16 : $(\text{Standard deviation} \times 100) \div \text{arithmetic mean}$ is the formula for ____ of relative variation

Answer: Coefficient

Question FBQ17 : The word "census" originated from the Latin word ____ meaning to "value or tax"

Answer: Censere

Question FBQ18 : A variable which is postulated as a necessary or causal factor in a given relation is termed ____variable

Answer: Independent

Question FBQ19 : A variable that changes in response to an investigation is a ____ variable

Answer: Dependent

Question FBQ20 : The goal of experimental study is to establish some sort of ____ between two or more variables

Answer: Relationship

Question FBQ21 : A group of twenty-nine post graduate students sat for the second semester examination and scored the following marks in biostatistics: 52, 56, 54, 58, 34, 57, 54, 44, 57, 61, 21, 36, 57, 45, 47, 38, 48, 51, 60, 61, 65, 51, 75, 58, 54, 51, 45, 25, 56 ____ is the range of the data

Answer: 54

Question FBQ22 : A group of thirty-one (31) post graduate students sat for the second semester examination and scored the following marks in biostatistics: 57, 57, 52, 56, 54, 58, 34, 57, 54, 44, 57, 61, 21, 36, 57, 45, 47, 38, 48, 51, 60, 61, 65, 51, 75, 58, 54, 51, 45, 25, 56 ____ is the mode of the data

Answer: 57

Question FBQ23 : It is expensive and time ____ to interview everyone in a country

Answer: Consuming

Question FBQ24 : Demographers and other social scientists often use ____ surveys to acquire information about a segment of a population

Answer: Sample

Question FBQ25 : The method of ____ collection depends on the nature of the research being undertaken

Answer: Data

Question FBQ26 : There are three main sources of data collection: observations, interviews and ____

Answer: Documentary

Question FBQ27 : The type of questions and the ways questions are asked depend on the type of ____ being carried out

Answer: Research

Question FBQ28 : Age is an example of ____ variables

Answer: Discrete

Question FBQ29 : Descriptive statistics is important in preliminary analysis of data prior to the use of more rigorous ____ analysis

Answer: Statistical

Question FBQ30 : The mode is the observation with the ____ frequency in a series of observations

Answer: Highest

Question FBQ31 : Periodicity and universality are important characteristics of ____

Answer: Census

Question FBQ32 : Descriptive measurement obtained from a whole population is termed as ____

Answer: Parameter

Question FBQ33 : Probability is not the ____ of possibility of an event
Answer: Degree

Question FBQ34 : Haemoglobin is one of the five variables measured in ____
Answer: Physiology

Question FBQ35 : The 1787 ____ constitution made provision for a national census every 10 years
Answer: American

Question FBQ36 : In Nigeria, the first census of the colony of ____ was taken in 1866
Answer: Lagos

Question FBQ37 : A single member of a population is referred to as ____
Answer: Element

Question FBQ38 : ____ is a government data collection system in which the demographic and socio-economic characteristics of all or a part of the population are continuously recorded
Answer: civil register

Question FBQ39 : The main goal of any research is to discover answers to questions through the application of ____ procedures
Answer: Scientific

Question FBQ40 : Write out the full meaning of EPI ____
Answer: Expanded programme on immunization

Question FBQ41 : Write out the full meaning of CDC ____
Answer: Centre for disease control

Question FBQ42 : Write out the full meaning of CHAN ____
Answer: Christian Health Association of Nigeria

Question FBQ43 : Write out the full meaning of NHMIS ____
Answer: National Health Management Information System

Question FBQ44 : Write out the full meaning of USAID ____
Answer: United States Agency for International Development

Question FBQ45 : The median of the following data:[7,3,10,6,4,10,10] is ____
Answer: 7

Question FBQ46 : The mode of the following data; [6, 5,20,4,10,12,14, 10] is ____
Answer: 10

Question FBQ47 : If a dice is tossed, the probability of having the number 7 is ____
Answer: 1/6

Question FBQ48 : If a dice is tossed, the probability of having the number 2 is ____
Answer: 1/6

Question FBQ49 : The number of admitted Nursing students of NOUN in ten states are [28,35,25,30,27,45,30,22,40,30]. The mean of admitted Nursing students in the ten states is ____
Answer: 31.2

Question FBQ50 : An ____ is a repetitive activity carried out for an expected result
Answer: Experiment

Question MCQ1 : The scientific method for collection, summarization, presentation, analysis and interpretation of data is called?
Answer: Statistics

Question MCQ2 : The two types of statistics are
Answer: Descriptive and inferential statistics

Question MCQ3 : All qualitative variables are measured on ----- scale
Answer: nominal

Question MCQ4 : The difference between the largest and smallest scores of ungrouped data is the---
Answer: Range

Question MCQ5 : The scores of 5 students in an examination are: 6, 5, 8, 7 and 4. Find the variance.
Answer: 2.5

Question MCQ6 : The scores of 5 students in an examination are: 6, 5, 8, 7 and 4. Find the standard deviation.
Answer: sqt. of 2.5

Question MCQ7 : Coefficient of variation is
Answer: $(\text{Standard} \times 100) \div \text{Arithmetic mean Deviation}$

Question MCQ8 : In census, the approach whereby each individual is counted at the place he is found at the time of the census is called.
Answer: de facto

Question MCQ9 : The United Nations recommends that the census should seek the following information except.
Answer: weight

Question MCQ10 : The first modern census that is a continuing complete count taken accurately at regular intervals began in.
Answer: Sweden in 1769

Question MCQ11 : The 1787 American constitution made provision for a national census every.
Answer: 10years

Question MCQ12 : In Nigeria, the first census of the colony of Lagos was taken in
Answer: 1866

Question MCQ13 : Some of the problems that militate against accurate census are the following except.
Answer: experimental

Question MCQ14 : Problems of experimental survey include all but one of the following.
Answer: before-after

Question MCQ15 : A single member of a population is referred to as.
Answer: population element

Question MCQ16 : One of the following is a probability sample.
Answer: Cluster

Question MCQ17 : . ----- is the technical procedure by which data are categorized.
Answer: Coding

Question MCQ18 : An essential part of the technical process in the statistical analysis of data is

Answer: tabulation

Question MCQ19 : Range, interquartile range, variance, standard deviation and co-efficient of relative variation are all examples of what.

Answer: measures of dispersion

Question MCQ20 : All but one of the following is an example of graphs.

Answer: Venn diagram

Question MCQ21 : The United Nations recommend that census should seek all but one of the following information.

Answer: Ill-health

Question MCQ22 : Advantages of questionnaire include all but one of the following:.

Answer: Yields a much better sample of the general population

Question MCQ23 : Twenty students obtained the following marks in an examination: 60, 69, 56, 75, 57, 65, 54, 51, 47, 65, 45, 38, 61, 44, 36, 48, 54, 25, 33, 37. Calculate the mean score.

Answer: 51

Question MCQ24 : Twenty students obtained the following marks in an examination: 60, 69, 56, 75, 57, 65, 54, 51, 47, 65, 45, 38, 61, 44, 36, 48, 54, 25, 33, 37 Calculate median score.

Answer: 52.5

Question MCQ25 : Twenty students obtained the following marks in an examination: 60, 69, 56, 75, 57, 65, 54, 51, 47, 65, 45, 38, 61, 44, 36, 48, 54, 25, 33, 37. Calculate the mode .

Answer: 51/54

Question MCQ26 : The basic statistics normally obtained in a complete census are the following except-----

Answer: Shoe size

Question MCQ27 : One of these is an attitudinal problem encountered during census operations.

Answer: Politicization of census operations which often lead to double counting and over enumeration

Question MCQ28 : ----- is a government data collection system in which the demographic and socio-economic characteristics of all or a part of the population are continuously recorded.

Answer: population register

Question MCQ29 : The main goal of any research is to discover answers to questions through the application of scientific procedures.

Answer: True

Question MCQ30 : Advantages of interview include all but one of the following.

Answer: it requires much less skill to administer

Question MCQ31 : The following are sample techniques except.....

Answer: descriptive

Question MCQ32 : A dice is tossed, what is the probability of having the number 5.

Answer: 1/6

Question MCQ33 : A dice is tossed, what is the probability of having the number 3.

Answer: 1/6

Question MCQ34 : The number of admitted Nursing students of NOUN in five states are 28, 35,25,30,27. Find the mean of admitted Nursing students in the five states.

Answer: 29

Question MCQ35 : The number of admitted Nursing students of NOUN in five states are 28, 35,25,30,27. What is the range of the admitted Nurses in five states?

Answer: 10

Question MCQ36 : According to WHO recommended standards and the projected population worked out in the following mathematical formula. The desired type of staff to population and determined by population base e.g. One Nurse to 2000 people in a population of 2,000,000 people will translate to.....number of Nurses.

Answer: 1000

Question MCQ37 : It is important to note that manpower requirement varies from hospital to hospital depending on factors such as....

Answer: striking Doctors

Question MCQ38 : In all aspects of health manpower planning the following are essential resources except.

Answer: Funds

Question MCQ39 : NPI is a parastatal under....

Answer: FMOH

Question MCQ40 : NPI has the responsibility to effectively control through immunization and provision of vaccines the occurrence of the following diseases except.....

Answer: malaria

Question MCQ41 : The following are graphical presentations except.

Answer: tabular

Question MCQ42 : The difference between the Largest and Lowest values on a set of observation is called

Answer: None of the options

Question MCQ43 : Manpower planning should form an integral part of five organizational structures.

Answer: true

Question MCQ44 : Diphtheria, Pertussis and Tetanus diseases are prevented with the use of a Vaccine called.

Answer: DPT

Question MCQ45 : The five key resources of an organization includes the following except.

Answer: monitoring

Question MCQ46 : As a result of reformation and restructuring, the then EPI was renamed as.

Answer: NPI

Question MCQ47 : Descriptive measurement obtained from a whole population is termed as.

Answer: parameter

Question MCQ48 : Probability is not the degree of possibility of an event.

Answer: false

Question MCQ49 : Find the median of the following data: [7,3,10,6,4].

Answer: 6

Question MCQ50 : Find the median of the following data; 6,5,20,4,10,12.

Answer: 8