ECO154

Question: Summarization is NOT a method of collecting _____.
Answer: Data

Answer: Information

Question: An ungrouped data is an array of information such that each item has its own individual frequency or _____.
Answer: Occurrence

Question: 21 â€" 30, 31 â€" 40, 41â€" 50, 51 â€" 60 etc., is the categories for which data?
Answer: Grouped

Question: The following information; 59.5 â€" 62.5 is an example of ----------
Answer: Class boundary

Question: The inference about the population base on sample analysis is known as --------
Answer: inferential statistics

Question: Inferential statistics can be divided into --------
Answer: 2

Question: ------ is the act of drawing inferences about a sample using the knowledge of population
Answer: Deductive statistics

Question: The process that involves argument from general to specific is known as -------
Answer: Deductive statistics

Question: ------ is the act of drawing inferences about the population from a given analysed sample
Answer: Inductive statistics

Question: The plural of datum is ---------
Answer: Data

Question: ------- is refers to as set of usable information
Answer: Data

Question: There are ------ types of data collection
Answer: Two (2)

Question: Data could be broadly classified as -------- and Secondary data.

Answer: Primary

Question: -------- is the arrangement of raw numerical data in either ascending or descending order of magnitude.
Answer: Array

Question: A statistical table is an orderly presentation of data in -------- and Column
Answer: Rows

Question: If a final examination in a course is weighted 3 times as much as a quiz and a student has a final examination grade of 85 and quiz grades of 70 and 90, calculate the mean grade.
Answer: 83

Question: Foremost Consulting pays its sales people N6.50, N7.50 or N8.50. The corresponding weight is 14, 10 and 2 respectively. Determine the weighted average mean.
Answer: N7:04K

Question: The median of a set of grouped data can be determined geometrically in two ways nam4ely, --------- and Cumulative frequency curve
Answer: Histogram

Question: The range is the simplest of all the measure of ---------.
Answer: Dispersion

Question: Standard deviation is the square root of the arithmetic mean of the sum of squares of deviation of the values in the distribution from ------------
Answer: Mean

Question: A graph is a pictorial presentation of the relationship between a set of -----
Answer: Variables

Question: For a mesokurtic distribution, what is K?
Answer: $K=0.263$

Question: For a leptokurtic distribution, what is K?
Answer: $K>0.263$

Question: For a platykurtic distribution, what is K?
Answer: $K<0.263$

Question: When data is broken down into four equal parts or division, each part or division is called --
Answer: Quartile

Question: Given the set of observation as 7, 12, 13, 15, 16, 17, 18, 19, 20, 25, find The lower quartile
Answer: 13

Question: When data is broken down into ten equal parts or division, what is each part or division is called?
Answer: Decile

Question: The net weights of the content of 5 coke bottles selected at random are 85.4, 84.9, 85.3, 85.2 and 85.4. What is the arithmetic mean of the sample observation?
Answer: 85.24

Question: If total weight (FX) is Î£ f x = 47 and sum of units (f) is Î£ f = 19, calculate Weighted point average.
Answer: 2.47

Question: From a set of observation, mean = N279.76, median = N279.06, mode =N277.50 and standard deviation = s = N15.60. Find first co-efficient of skewness.
Answer: 0.1448 of 0.15

Question: Given the following unit price of potato (N) 5, 7, 9, 11 and 13 and corresponding qty supplied (kg) respectively as 40, 60, 80, 100, and 120,   the quantity supplied at N7 was -----
Answer: 60 Kg

Question: Given the price (N) 5, 7, 9, 11 and 13 and corresponding qty supplied (kg) respectively as 40, 60, 80, 100, and 120,, what is the total expenditure if 100kg were supplied and bought?
Answer: 1100

Question: Given the scores of 8 students in an examination as 12, 5, 6, 2, 14, 10, 18 and 5. estimate standard deviation
Answer: 5.07

Question: <span lang="EN-IE">In the example (21 â€"
30, 31 â€" 40, 41 â€" 50, 51 â€" 60 ...), what is the class size?
Answer: 10

Question: An ogive is also known as ---------------
Answer: frequency polygon

Question: Given the following array of numbers; 1,2,3,4,5.6, the mean value is -------
Answer: 3.5

Question: Given the following array of numbers; 1,2,3,4,5.6, the mean deviation value is ------
Answer: 1.5

Question: The root mean square is also known as ----------Â
Answer: quadratic mean

Question: Â The following are measure of central tendency except ---------.Â
Answer: mean deviation

Question: If the ages of six children are; 2, 3. 5. 7.9, and 11, find the mean age.
Answer: 6 years 2 month

Question: ------ deals with direction of variation.Â
Answer: moment

Question: when the origin of a moment is taken as the arithmetic mean, it is known as ------
Answer: central moment

Question: Given the following array of numbers; 2, 3,4,5, and 6, calculate the first moment around the meanÂ
Answer: 0

Question: Â Given the following array of numbers; 2, 3,4,5, and 6, calculate the second moment around the mean
Answer: 2

Question: Â Statistics involves the careful analysis of the data collected in form of tables and the ---------.
Answer: interpretation

Question: Â A statistical inquiry is an investigation carried out to collect information which may be analyzed and presented in the form that will aid effective -------------- .Â
Answer: decision-making

Question: Â ------- is the process of selecting from some larger set of data whose characteristics we wish to estimate.Â
Answer: MCmpling

Question: The process of inferring from some larger set to specific MCmple is known to be -----Â
Answer: inductive

Question: Â On the basis of the MCmple, we infer things or conclude about the population. This is known as -------.
Answer: Statistical Inference

Question: Statistics is generally used to describe a collection of numerical data on all of the following EXCEPT?Â
Answer: method of teaching

Question: Statistics is the science of collecting, organising, summarising and analysing

information in order to draw _____.Â
Answer: conclusion

Question: Statistics is classified as a science because it makes use of the following tools of science EXCEPT?
Answer: calculation

Question: One of the following is NOT an acceptable definition of statistics
Answer: opinion

Question: Â The process of statistics can be categorised into the following stages EXCEPT?Â
Answer: Drawing of opinion from analysedRaw information

Question: Â Inferential statistics can be divided into ------- and --------- statistics.
Answer: deductive , inductive

Question: The act of drawing inferences about a MCmple using the general knowledge of the population is known as --------.
Answer: Inductive statistics

Question: ------ is a prescribed set of value.
Answer: domain

Question: A variable that can assume only one MCmple is called ---------Â
Answer: constant

Question: The process that involves argument from the specific point of view to the general is known as -------
Answer: Inductive statistics

Question: Variable could be categorised as -------- and --------Â
Answer: quantitative, qualitative

Question: A variable that can assume any value between two given values is MCid to be ------- variable.Â
Answer: continuous

Question: Quantitative variables could either be --------, and ---------Â
Answer: discrete, continuous

Question: Â ------ is a selected part of a whole
Answer: MCmple

Question: ----- is a circular representation of an information.Â
Answer: chart

Question: Â ------ is the number of time an event occurs.
Answer: frequency

Question: What is a symbol defining a class such as 41 –50 called ?

Answer: class interval

Question: The end numbers 41 and 50 in (41-50) are called what?

Answer: class limits

Question: What is the number of observations that fall in a class called?

Answer: data

Answer: cumulative frequency

Question: Quantitative variables can be classified into 2, namely, _____ and
_____

Answer: Discrete and continuous variables