

eExam Question Bank

Coursecode:

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| <input type="checkbox"/> | Question Type ↓ | Question ↑ | A ↑ | B ↑ | C ↑ | D ↑ | Answer ↑ | Remark ↑ |
|--------------------------|-----------------|---|---|--------|-----|-----|----------|--------------------------------------|
| <input type="checkbox"/> | FBQ | The mean deviation of the set of data 7,6,3,4,10 is <input type="text"/> | 2.45 | | | | | <input type="button" value="eExam"/> |
| <input type="checkbox"/> | FBQ | The mean deviation of the set of data 8,7,11,6,16,4,11 which is <input type="text"/> | 11 | Eleven | | | | <input type="button" value="eExam"/> |
| <input type="checkbox"/> | FBQ | Find the mode of the data below 2,3,3,4,2,6,3,3,4,4,4 which is <input type="text"/> | 3.5 | | | | | <input type="button" value="eExam"/> |
| <input type="checkbox"/> | FBQ | Find the median of the following data 8,3,5,2,6,7,3,9 which is <input type="text"/> | 5.5 | | | | | <input type="button" value="eExam"/> |
| <input type="checkbox"/> | FBQ | Find the root mean square of the heights in fit of 5 students in a class – 3,2,4,6,7 which is <input type="text"/> | 4.775 | | | | | <input type="button" value="eExam"/> |
| <input type="checkbox"/> | FBQ | Obtain the harmonic mean of the following data 3,2,6,4, which is <input type="text"/> | 3.2 | | | | | <input type="button" value="eExam"/> |
| <input type="checkbox"/> | FBQ | Obtain the geometric mean of the following data 3,2,6,4 which is <input type="text"/> | 3.46 | | | | | <input type="button" value="eExam"/> |
| <input type="checkbox"/> | FBQ | The advantages of arithmetic mean are as follows, it is easy to compute, it has determinate exact value, except <input type="text"/> | it can be distorted by extreme values in the distribution | | | | | <input type="button" value="eExam"/> |

| | | | | | | | | | |
|--------------------------|-----|---|---|--|--|--|--|--|-------|
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | FBQ | The number of employees in commercial banks in Ibadan are given as 4368, 4387, 4331, 4383, 4356, 4369. Find the mean <input type="text"/> | 4370 | | | | | | eExam |
| <input type="checkbox"/> | FBQ | The heights in meters of 12 walnut seeding, after twenty years growth are 4, 5, 6, 3, 7, 2, 8, 5, 3, 4.8, 4.5, 7.2, 5.2, which is <input type="text"/> | 5.17 | | | | | | eExam |
| <input type="checkbox"/> | FBQ | The problems encountered in the construction of index numbers except <input type="text"/> | the choice of considered | | | | | | eExam |
| <input type="checkbox"/> | FBQ | Forecast simply means statement <input type="text"/> | that predicts future with the help of both past and present | | | | | | eExam |
| <input type="checkbox"/> | FBQ | It has been found that 2% of the tools produced by a certain machine are defective. What is the probability that in a shipment of 400 such tools is <input type="text"/> | 0.007 | | | | | | eExam |
| <input type="checkbox"/> | FBQ | One way in which a representative sample may be obtained from a population is by <input type="text"/> | simple random sampling | | | | | | eExam |
| <input type="checkbox"/> | FBQ | Sampling distribution is the <input type="text"/> | Most fundamental of inductive statistics | | | | | | eExam |
| <input type="checkbox"/> | FBQ | A particular value of the population, such as the mean income or the level of formal education, is called <input type="text"/> | parameter | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> combine the features of cross-sectional and time-series data. | panel data | | | | | | eExam |
| <input type="checkbox"/> | FBQ | The two sources of data are <input type="text"/> | primary and secondary | | | | | | eExam |

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|--------------------------|-----|--|---------------------------|--------------|--|--|--|--|-------|
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | FBQ | Data collected for cross-section of subjects (population under study) at a time is called <input type="text"/> | cross sectional data | | | | | | eExam |
| <input type="checkbox"/> | FBQ | Data collected on a particular variable or set of variables over time is known as <input type="text"/> | time series data | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> advocate that the current year quantities are taken as weights | Paasche's price | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> advocated the geometric cross of Laspeyre's and Paasche's Price index numbers | Irving Fisher | | | | | | eExam |
| <input type="checkbox"/> | FBQ | Aggregate of prices of all the selected commodities in the current year as a percentage of the aggregate of prices in the base year known as <input type="text"/> | unweighed method | | | | | | eExam |
| <input type="checkbox"/> | FBQ | reflect changes in the retail prices of different commodities, the are normally constructed for different classes of consumers known as <input type="text"/> | retail price index number | | | | | | eExam |
| <input type="checkbox"/> | FBQ | reflect changes in the volume of goods produced or consumed know as <input type="text"/> | quantity index number | | | | | | eExam |
| <input type="checkbox"/> | FBQ | most common index numbers are the price index numbers which study changes in price level of commodities over a period of time is known as <input type="text"/> | price index number | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> are indicators which reflect the relative changes in the level of certain phenomenon in any given period | Index numbers | Index number | | | | | eExam |

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|--------------------------|-----|--|--------------------------|----------------------|--|--|--|--|-------|
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | FBQ | Under certainty, the decision maker simply [] the outcome of each alternative and selects the one that best meets his/her objective | appraises | appraise | | | | | eExam |
| <input type="checkbox"/> | FBQ | [] looks for the attributes or qualities of the product .i.e. comparison of the best one | attribute listening | | | | | | eExam |
| <input type="checkbox"/> | FBQ | [] is the comparison of one thing with another that has similar features | analogies | analogy | | | | | eExam |
| <input type="checkbox"/> | FBQ | [] is a method base on two head is better than one. | brain storming | | | | | | eExam |
| <input type="checkbox"/> | FBQ | [] is the logical approach, it answers questions like What, Who, Where, How, When and Why | critical examinations | critical examination | | | | | eExam |
| <input type="checkbox"/> | FBQ | [] defined as the logical and quantitative analysis of all the factors influencing a decision | Decision analysis | | | | | | eExam |
| <input type="checkbox"/> | FBQ | [] thinking considers end rather than means | creative | | | | | | eExam |
| <input type="checkbox"/> | FBQ | The art of problem solving and decision making is base on [] | common sense | | | | | | eExam |
| <input type="checkbox"/> | FBQ | The scientific method for collecting, organizing, summarizing, presenting and analysing data is called [] | statistic | Statistics | | | | | eExam |
| <input type="checkbox"/> | FBQ | The two main types of statistics are [] | inductive and decriptive | | | | | | eExam |
| <input type="checkbox"/> | FBQ | The number of times that a variable occur is called [] | frequency | | | | | | eExam |

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|--------------------------|-----|---|---|-----------------------------------|--|--|--|--------------------------------|
| <input type="checkbox"/> | | | | | | | | <input type="checkbox"/> |
| <input type="checkbox"/> | FBQ | Frequency distribution involves <input type="text"/> | table showing values of variable(s) and rates of occurrence | table showing values of variables | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | The probability that an event will occur is <input type="text"/> | $0 < P(E) < 1$ | | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | The probability of obtaining an even number in a single toss of a fair die is <input type="text"/> | $\frac{1}{2}$ | 0.5 | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | The mode of the set of data 1,2,3,3,2, 1 is <input type="text"/> | 1 | One | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | If a die is tossed once. What is the probability of obtaining even or prime number? <input type="text"/> | $\frac{5}{6}$ | 0.833 | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | Find the mode of the data 2,3,3,4,2,6,3,3,4,4,4 <input type="text"/> | 3.5 | | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | The range of the set of data 5,4,4,3,3,3,3 is <input type="text"/> | 2 | two | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | The probability of obtaining at least two heads in a toss of a fair die trice is <input type="text"/> | 0 | Zero | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | The harmonic mean of 2,4,6 is <input type="text"/> | 3.27 | | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | Obtain the geometric mean of the set of data 2,4,6 is <input type="text"/> | 3.63 | | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | The sum of the absolute difference between consecutive set of data x_j and mean \bar{x} of the data divided by the number of data is <input type="text"/> | mean deviation | | | | | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | FBQ | Two events A and B are said to be <input type="text"/> if they cannot occur together | mutually exclusive event | | | | | <input type="checkbox"/> eExam |

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|--------------------------|-----|--|--|--------------|--|--|--|--|-------|
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | FBQ | The degree of asymmetry, or departure from symmetry of a distribution is known as <input type="text"/> | skewness | | | | | | eExam |
| <input type="checkbox"/> | FBQ | The third moment about the mean of the data 2,3,4,5,6 is <input type="text"/> | 88 | Eighty-eight | | | | | eExam |
| <input type="checkbox"/> | FBQ | The range of the set of data 20,21,23,25,28,30,35,37,38,40 is <input type="text"/> | 20 | twenty | | | | | eExam |
| <input type="checkbox"/> | FBQ | The arithmetic mean of 5,5,5,5,7,7,7,8,8,8,8,8,6,6,4,4 is <input type="text"/> | 6.31 | | | | | | eExam |
| <input type="checkbox"/> | FBQ | Sampling distribution is the <input type="text"/> | Most fundamental of inductive statistics | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> analysis is the modern approach to decision making both in economics and in business | Decision | | | | | | eExam |
| <input type="checkbox"/> | FBQ | Pearson's coefficient of skewness uses the difference between the <input type="text"/> | mean and the median of the distribution | | | | | | eExam |
| <input type="checkbox"/> | FBQ | A complete absence of skewness would have a coefficient of skewness equal to <input type="text"/> | zero | 0 | | | | | eExam |
| <input type="checkbox"/> | FBQ | leptokurtic, platykurtic and mesokurtic is otherwise known as <input type="text"/> _distribution curve | normal | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> measures the degree of peakedness of a distribution. It is usually taken relative to a normal distribution | Kurtosis | | | | | | eExam |
| <input type="checkbox"/> | FBQ | The moment coefficient of kurtosis is used to calculate the <input type="text"/> of a distribution | peakedness | | | | | | eExam |

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|--------------------------|-----|---|--------------------------|--|--|--|--|--|-------|
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | FBQ | Pearson's first coefficient of skewness and Pearson's second coefficient of skewness is called <input type="text"/> | measures of skewness | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> is useful in the comparison of two or more sets of data which are measured in the same units but differ to such an extent that a direct comparison of the respective standard deviations is not very helpful | coefficient of variation | | | | | | eExam |
| <input type="checkbox"/> | FBQ | Consider the arrayed data, $X = 2, 5, 8, 9, 12, 13, 18$. Find mean deviation which is <input type="text"/> | 3.796 | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> can be said to measure the degree of uniformity of observations in a given set of data | variation | | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> can be an unsatisfactory measure of dispersion because it is affected by extreme values or items which renders it unrepresentative of majority of the set of data | range | | | | | | eExam |
| <input type="checkbox"/> | FBQ | variables include sex, in religious or party affiliation, genotype, blood group, place of residence know as <input type="text"/> | nominal scale | | | | | | eExam |
| <input type="checkbox"/> | FBQ | scale has all the properties of the nominal, ordinal and interval scales including the additional property of having an absolute zero point know as <input type="text"/> | ratio scale | | | | | | eExam |

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|--------------------------|-----|---|-----------------------|-----------------|-----------------|---------------|---|-------|
| <input type="checkbox"/> | | | | | | | | |
| <input type="checkbox"/> | FBQ | <input type="text"/> can be defined as a management tool for making decision. It is also a scientific approach to presentation of numerical information in such a way that one will have a maximum understanding of the reality represented by such information. | statistics | | | | | eExam |
| <input type="checkbox"/> | FBQ | Government uses <input type="text"/> as a tool for collecting data on economic aggregates such as national income, savings, consumption and gross national product | statistics | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> is a variable whose values are given as numerical quantities | Quantitative Variable | | | | | eExam |
| <input type="checkbox"/> | FBQ | In studying the nutritional well being of pupils in a primary school, the <input type="text"/> is a pupil in the school. | entity | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> is a characteristic that assumes different values for different entities | Variable | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> is the part of the population that is selected for a study | Sample | | | | | eExam |
| <input type="checkbox"/> | FBQ | <input type="text"/> _variable that can assume both decimal and non decimal values | Continuous | | | | | eExam |
| <input type="checkbox"/> | MCQ | _____ advocate that the current year quantities are taken as weights | Dorbish-Bowley | Irving Fisher | Paasche's price | Edward | C | eExam |
| <input type="checkbox"/> | MCQ | _____ advocated the geometric cross of Laspeyre's and Paasche's Price index numbers | Dorbish-Bowley | Irving Fisher | Kennesian | Adam Smith | B | eExam |
| <input type="checkbox"/> | MCQ | Aggregate of prices (of all the selected commodities) in the current year as a percentage of the aggregate of prices in the base year know as _____ | unweighed method | weighted method | macro economics | sample method | A | eExam |

| | | | | | | | | |
|--------------------------|-----|---|-----------------------|---------------------|--------------------|---------------------------|---|-------|
| <input type="checkbox"/> | | | | | | | | |
| <input type="checkbox"/> | MCQ | The are normally constructed for different classes of consumers is known as _____ | index | price index number | value index number | retail price index number | D | eExam |
| <input type="checkbox"/> | MCQ | reflect changes in the volume of goods produced or consumed know as ____ | index | price index number | value | quantity index number | D | eExam |
| <input type="checkbox"/> | MCQ | most common index numbers are the price index numbers which study changes in price level of commodities over a period of time is known as _____ | card number | Index numbers | pvc number | price index number | D | eExam |
| <input type="checkbox"/> | MCQ | _____ are indicators which reflect the relative changes in the level of certain phenomenon in any given period | arithemmetic number | Index numbers | year number | pvc number | B | eExam |
| <input type="checkbox"/> | MCQ | Under certainty, the decision maker simply _____ the outcome of each alternative and selects the one that best meets his/her objective | select | appraises | happy | ignor | B | eExam |
| <input type="checkbox"/> | MCQ | _____ looks for the attributes or qualities of the product .i.e. comparison of the best one | critical examinations | attribute listening | thinking | alternative chioce | B | eExam |
| <input type="checkbox"/> | MCQ | _____ is the comparison of one thing with another that has similar features | analogies | random | sample | selection | A | eExam |
| <input type="checkbox"/> | MCQ | _____ is a method base on two head is better than one. | brai storming | management meeting | conference | broad meeting | A | eExam |
| <input type="checkbox"/> | MCQ | _____ Is the logical approach, it answers questions like What, Who, Where, How, When and Why | critical examinations | brain storming | conference | broad meeting | A | eExam |
| <input type="checkbox"/> | MCQ | _____ defined as the logical and quantitative analysis of all the factors influencing a decision | Choice | Economic defination | Decision analysis | Demand and Supply | C | eExam |
| <input type="checkbox"/> | MCQ | _____ thinking considers end rather than means | leaders | group | creative | analytical | C | eExam |
| <input type="checkbox"/> | MCQ | The art of problem solving and decision making is base on _____ | leader and position | authority | common sense | power | C | eExam |

| | | | | | | | | | |
|--------------------------|-----|--|--|--------------------------------|---|--|---|--|-------|
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | MCQ | The scientific method for collecting, organizing, summarizing, presenting and analysing data is called _____ | statistics | mathematics | analysis | numerical | A | | eExam |
| <input type="checkbox"/> | MCQ | The normal distribution curve is otherwise known as _____ | leptokurtic | platykurtic | mesokurtic | normalkurtic | C | | eExam |
| <input type="checkbox"/> | MCQ | The degree of peakedness of a distribution is known as _____ | moment | deviation | skewness | kurtosis | D | | eExam |
| <input type="checkbox"/> | MCQ | The standard deviation of the set of data 7,6,3,4,10 is _____ | 3.45 | 2.45 | 4.45 | 5.45 | B | | eExam |
| <input type="checkbox"/> | MCQ | The mean deviation of the set of data 7,6,3,4,10 is _____ | 2 | 3 | 4 | 5 | A | | eExam |
| <input type="checkbox"/> | MCQ | The mean deviation of the set of data 8,7,11,6,16,4,11 is _____ | 11 | 12 | 13 | 14 | A | | eExam |
| <input type="checkbox"/> | MCQ | Find the mode of the data below 2,3,3,4,2,6,3,3,4,4,4 which is _____ | 1.5 | 2.5 | 3.5 | 4.5 | C | | eExam |
| <input type="checkbox"/> | MCQ | Which of the following gives the median of a grouped frequency distribution _____ | $Lm + (N/2 - CFm-1)Cm$ $Fm+1 - Fm$ $CFm-1$ | $Lm + (N/2 - CFm-1)Cm$ | $Lm - (N/2 - Fm)Cm$ | $(d) Lm + (N/2 - CFm-1)Cm$ | D | | eExam |
| <input type="checkbox"/> | MCQ | Find the median of the following data 8,3,5,2,6,7,3,9 which is _____ | 5.5 | 5 | 4.5 | 4 | A | | eExam |
| <input type="checkbox"/> | MCQ | Find the root mean square of the heights in ft of 5 students in a class – 3,2,4,6,7 which is _____ | 4.775 | 2.775 | 3.775 | 4.7 | A | | eExam |
| <input type="checkbox"/> | MCQ | Obtain the harmonic mean of the following data 3,2,6,4, which is _____ | 3.1 | 4.1 | 3.2 | 4.2 | C | | eExam |
| <input type="checkbox"/> | MCQ | Obtain the geometric mean of the following data 3,2,6,4 which is _____ | 3.46 | 3.56 | 2.46 | 4.46 | A | | eExam |
| <input type="checkbox"/> | MCQ | The following are advantages of arithmetic mean except _____ | it is easy to compute | it has determinate exact value | it can be distorted by extreme values in the distribution | it provides a good measure of comparison | C | | eExam |

| | | | | | | | | |
|--------------------------|-----|---|---|---|--|--|---|-------|
| <input type="checkbox"/> | | | | | | | | |
| <input type="checkbox"/> | MCQ | The number of employees in commercial banks in Ibadan are given as 4368, 4387, 4331, 4383, 4356, 4369. Find the mean _____ | 3370.14 | 45470 | 4370 | 4370.14 | C | eExam |
| <input type="checkbox"/> | MCQ | The heights in meters of 12 walnut seeding, after twenty years growth are 4, 5, 6, 3, 7, 2, 8, 5, 3, 4.8, 4.5, 7.2, 5.2, which is _____ | 5 | 5.17 | 4 | 4.17 | B | eExam |
| <input type="checkbox"/> | MCQ | These are problems encountered in the construction of index numbers except _____ | the choice of items | the choice of a base period unit | the choice of weights | the choice of considered | D | eExam |
| <input type="checkbox"/> | MCQ | Forecast simply means statement _____ | that predicts future with the help of both past and present | that predicts past with the help of both past and future information | that calculating the trend estimate of the information | none of the above | A | eExam |
| <input type="checkbox"/> | MCQ | It has been found that 2% of the tools produced by a certain machine are defective. What is the probability that in a shipment of 400 such tools is _____ | 0.006 | -0.006 | 0.007 | -0.007 | C | eExam |
| <input type="checkbox"/> | MCQ | One way in which a representative sample may be obtained from a population is by _____ | simple random sampling | hard random sampling | random sample | sampling population | A | eExam |
| <input type="checkbox"/> | MCQ | Sampling distribution is the _____ | Most fundamental of inductive statistics | most of inductive sample | inductive fundamental of population | statistical sampling population | A | eExam |
| <input type="checkbox"/> | MCQ | The following are Assumptions for Student's test except _____. | The population standard deviation σ is unknown | The sample observations are independent i.e. the given sample is random | The population standard deviation σ is known | The parent population from which the sample is drawn is normal | C | eExam |
| <input type="checkbox"/> | MCQ | There is no significant difference between the sample mean and the population mean can be symbolize as _____. | Ha: | Ho: | x-1 | x2 | B | eExam |
| <input type="checkbox"/> | MCQ | μ in hypothesis test mean _____ | hypothesis | population mean | parameter | sybol | B | eExam |

| | | | | | | | | |
|--------------------------|-----|--|---------------------------|---------------------------|---------------------------------|------------------------------|---|--------------------------------|
| <input type="checkbox"/> | MCQ | A hypothesis can be defined as a conjectural statement or a proposition about an assumed relationship between two or more _____. | tests | variables | persons | experiment | B | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | The degree of relationship that connect three or more variables together are called _____. | joint analysis | hyperbolic curve | multiple correlation regression | hypothesis | C | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | $y = axb$ is a function of _____. | logarithms | regression | income | rank correlation | A | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | $Y = a + b/x$ or $y = 1/a+bx$, this formular stand for _____. | regression analysis | income | Hyperbolic Model (curve) | trend line equation | C | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | A situation whereby when a data is expected to grow by some proportion or percentage in each period is known as _____. | demand curve | hyperbolic curve | model curve | Exponential curve | D | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | If regression line is fitted into the scatter diagram is known as _____. | positive corellation | straight line | Freehand method | scater diagram | C | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | $y = a + bx$, this equation stand for _____. | simple regression | multiple regression | chi-square | hypothesis | A | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | Regression analysis can be defined as the relationship between two or more _____. | variables | persons | parameter | figures | A | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | The coefficient of determination will be given as _____. | x^2 | r^2 | y^2 | k | B | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | The straight relationship between x and y depends on how close r is to _____. | meter | one | two | zero | D | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | Spearman's coefficient of correlation assumes the data to be at least _____. | interval scale | ordinal scale | ratio scale | nominal scale | A | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | The scatter point at random and did not form any regular pattern for recognition by any straight line. There is no association between the variables is _____. | No Correlation | Weak Correlation | Negative Correlation | Positive Correlation | A | <input type="checkbox"/> eExam |
| <input type="checkbox"/> | MCQ | A serious deviations of scatter points and the points slope downward and it has a negative slope and not close to unity is _____. | Weak negative correlation | Weak positive correlation | No Correlation | Perfect Positive Correlation | A | <input type="checkbox"/> eExam |

| | | | | | | | | |
|--------------------------|-----|---|---|--|---------------------------------------|--|---|-------|
| <input type="checkbox"/> | | | | | | | | |
| <input type="checkbox"/> | MCQ | The case where all the points are deviated from each other so that each of the scatter points are for the depart from each other and the association is weak is called _____ | No Correlation | Weak Correlation | Weak positive correlation | Weak negative correlation | C | eExam |
| <input type="checkbox"/> | MCQ | The points passes through the straight line and all other scatter point are very close to the straight line, it has a negative slope which is very close to unity is known as _____ | Strong Positive Correlation | Strong Negative Correlation | Perfect Negative Correlation | Perfect Positive Correlation | B | eExam |
| <input type="checkbox"/> | MCQ | _____ defined as the situation where all the scatter points passes through a straight line none of the points deviated from the normal curve and positive slope | Perfect Negative Correlation | Strong Positive Correlation | Strong Correlation | Perfect Positive Correlation | D | eExam |
| <input type="checkbox"/> | MCQ | Correlation that indicates that all the points passes through the normal straight line and non deviated from the line is _____ | Perfect Negative Correlation | Perfect Correlation | Perfect Positive Correlation | Negative Correlation | A | eExam |
| <input type="checkbox"/> | MCQ | The scientific method for collecting, organizing, summarizing, presenting and analysing data is called _____ | statistic | mathematics | analysis | numerical | A | eExam |
| <input type="checkbox"/> | MCQ | The two main types of statistics are _____ | inductive and encryptive | inductive and descriptive | encryptive and descriptive | inductive and decriptive | D | eExam |
| <input type="checkbox"/> | MCQ | The number of times that a variable occur is called _____ | mode | median | mean | frequency | D | eExam |
| <input type="checkbox"/> | MCQ | Frequency distribution involves _____ | table showing values of variable(s) and rates of occurrence | classification of data in rows and columns | distribution of measures of variation | distribution of data by measures of location | A | eExam |
| <input type="checkbox"/> | MCQ | The probability that an event will occur is _____ | $0 < P(E) < 1$ | $1 < P(E) < 0$ | $0 < P(E) < 1$ | $1 < P(E) < 0$ | C | eExam |
| <input type="checkbox"/> | MCQ | The probability of obtaining an even number in a single toss of a fair die is _____ | $\frac{3}{6}$ | $\frac{1}{6}$ | $\frac{1}{2}$ | $\frac{1}{4}$ | C | eExam |
| <input type="checkbox"/> | MCQ | The mode of the set of data 1,2,3,3,2, 1 is _____ | 0 | 2 | 3 | 1 | D | eExam |

| | | | | | | | | |
|--------------------------|-----|---|--|------------------------------|-------------------------------------|---------------------------------|---|-------|
| <input type="checkbox"/> | | | | | | | | |
| <input type="checkbox"/> | MCQ | If a die is tossed once. What is the probability of obtaining even or prime number? _____ | $\frac{2}{3}$ | $\frac{1}{3}$ | $\frac{1}{6}$ | $\frac{5}{6}$ | D | eExam |
| <input type="checkbox"/> | MCQ | Find the mode of the data below 2,3,3,4,2,6,3,3,4,4,4 which is _____ | 1.5 | 2.5 | 3.5 | 4.5 | C | eExam |
| <input type="checkbox"/> | MCQ | The range of the set of data 5,4,4,3,3,3,3 is _____ | 7 | 3 | 4 | 2 | D | eExam |
| <input type="checkbox"/> | MCQ | The probability of obtaining at least two heads in a toss of a fair die trice is _____ | 0 | $\frac{1}{2}$ | $\frac{1}{8}$ | $\frac{1}{4}$ | A | eExam |
| <input type="checkbox"/> | MCQ | The harmonic mean of 2,4,6 is _____ | 6 | 0.9167 | 0.3056 | 3.27 | D | eExam |
| <input type="checkbox"/> | MCQ | Obtain the geometric mean of the set of data 2,4,6 is _____ | 36 | 6 | 3.63 | 4 | C | eExam |
| <input type="checkbox"/> | MCQ | The sum of the absolute difference between consecutives set of data x_j and mean \bar{x} of the data divided by the number of data is _____ | range | mean deviation | error of deviation | standard deviation | B | eExam |
| <input type="checkbox"/> | MCQ | Two events A and B are said to be _____ if they cannot occur together | independent event | non-mutually exclusive event | mutually exclusive event | mutually inclusive event | C | eExam |
| <input type="checkbox"/> | MCQ | The degree of asymmetry, or departure from symmetry of a distribution is known as _____ | deviation | kurtosis | skewness | mean | C | eExam |
| <input type="checkbox"/> | MCQ | The third moment about the mean of the data 2,3,4,5,6 is _____ | 4.4 | 44 | 88 | 440 | C | eExam |
| <input type="checkbox"/> | MCQ | The range of the set of data 20,21,23,25,28,30,35,37,38,40 is _____ | 29.7 | 29 | 20 | 3 | C | eExam |
| <input type="checkbox"/> | MCQ | The arithmetic mean of 5,5,5,5,7,7,7,8,8,8,8,8,6,6,4,4 is _____ | 6.31 | 8 | 7 | 63.1 | A | eExam |
| <input type="checkbox"/> | MCQ | Sampling distribution is the _____ | Most fundamental of inductive statistics | most of inductive sample | inductive fundamental of population | statistical sampling population | A | eExam |

Showing 1 to 150 of 150 entries

Previous 1 Next

