## $\nabla$ eExam Question Bank










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| $\square$ | FBQ | is a general class of $\square$ <br> used in measuring the $\square$ <br> and dispersion of variable $x$ | Moments, measures, central tendency |  |  |  |  | eExam |
| $\square$ | FBQ | In statistics, the term "Population" refers to the whole of any group of $\square$ <br> or items whose members (units) possess the $\square$ <br> basic and clearly defined | individuals, same, characteristics |  |  |  |  | eExam |
| $\square$ | FBQ | An <br> data is an array of $\square$ <br> such that each item has its own $\square$ <br> frequency or occurrence. | ungrouped, information, individual |  |  |  |  | eExam |
| $\square$ | FBQ | By definition, $\square$ <br> is the square root of the $\square$ <br> of the sum of squares of deviation of the values in the $\square$ from the mean. | standard deviation, arithmetic mean, distribution |  |  |  |  | eExam |
| $\square$ | FBQ | A statistical table is an $\square$ <br> presentation of data in $\square$ <br> and $\square$ | orderly, rows, columns |  |  |  |  | eExam |
| $\square$ | MCQ | What is the general functional equation of a straight line graph? | $Y=I \pm a X$. | $Y=I \pm X$. | $Y=I \pm b X$. | $Y=I \pm$ by . | C | eExam |
| $\square$ | MCQ | Class/group is the categories for grouped data. Which of the following not a class group? | 51-60 | 30.5-40.5 | 31-40 | 21-30 | B | eExam |
| $\square$ | MCQ | Generally, there are numerous sources of data, the commonest ones are the following except one. | Direct observation | Use of questionnaire | Personal interview | Coding | D | eExam |
| $\square$ | MCQ | What is the geometric mean of $2,3,4,6,5$. | 3.33 | 3.43 | 3.53 | 3.73 | D | eExam |




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| $\square$ | MCQ | The list of observation a variable assumes is called | observation | sample | information | data | D | eExam |
| $\square$ | MCQ | The following is not an example of descrete variable | the number of siblings a person has | the number of cars owned by a family, | the number of students in a statistics class | scores in examination | D | eExam |
| $\square$ | MCQ | The following is not an example of quantitative variable $\qquad$ | Gender | population | Scores | Temperature | A | eExam |
| $\square$ | MCQ | The following is not an example of qualitative variable $\qquad$ | Gender | Colour | Tribe | Temperature | D | eExam |
| $\square$ | MCQ | The name for the data already collected by other agency, organization or institution (private or public) and may exist either in published or unpublished form is knowned as | secondary | primary | tertiary | postsecondary | A | eExam |
| $\square$ | MCQ | The name given to a data collected directly from the source is $\qquad$ | secondary | primary | tertiary | postsecondary | B | eExam |
| $\square$ | MCQ | When data is broken down into ten equal parts or division, each part or division is called a | Decimal | Decile | Quartile. | Percentile | B | eExam |
| $\square$ | MCQ | Given the set of observation as $7,12,13,15,16,17,18$, 19, 20, 25, find The lower quartile | 10 | 11 | 12 | 13 | D | eExam |
| $\square$ | MCQ | When data is broken down into four equal parts or division, each part or division is called a | Quartile | Quota | Percentile | Decile | A | eExam |
| $\square$ | MCQ | Given the scores of 8 students in an examination as $12,5,6,2,14,10,18$ and 5 , find the variance | 25.75 | 25.74 | 25.73 | 25.72 | A | eExam |
| $\square$ | MCQ | Given the scores of 8 students in an examination as $12,5,6,2,14,10,18$ and 5 , find the standard deviation | 5.07 | 5.08 | 5.09 | 5.1 | A | eExam |


| $\square$ | MCQ | The simplest of all the measures of dispersion | mean | mode | average | range | D | eExam |
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| $\square$ | MCQ | The two ways the median of a set of grouped data can be determined geometrically are | From a histogram and From a frequency curve | From a chart and From a cumulative frequency curve | From a histogram and From a cumulative frequency curve | From a cumulative histogram and From a cumulative frequency curve | C | eExam |
| $\square$ | MCQ | If Grace Obaka Abel company pays its sales people N 6.50, N 7.50 or N 8.50 and the corresponding weight is 14,10 and 2 respectively, calculate the weighted average mean | N 7.01 | N 7.02 | N 7.03 | N 7.04 | D | eExam |
| $\square$ | MCQ | 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 | 80 | 81 | 82 | 83 | D | eExam |
| $\square$ | MCQ | If total weight $(\mathrm{FX})$ is $\Sigma \mathrm{fx}=$ 47 and sum of units (f) is $\Sigma \mathrm{f}=$ 19, calculate Weighted point average | 2.46 | 2.47 | 2.48 | 2.49 | B | eExam |
| $\square$ | MCQ | If the net weights of the content of 5 coke bottles selected at random are 85.4,84.9, 85.3, 85.0 and 85.4 in kilogrammes, its arithmetic mean of the sample observation is | 84.9kg | 85.2kg | 85.3kg | 85.4kg | B | eExam |
| $\square$ | MCQ | The general functional equation of a straight line graph is $\qquad$ | $Y=1 \pm 2 b X$. | $Y=I \pm b X$. | $Y=2 \pm b X$. | $Y=\alpha \pm b$. | B | eExam |
| $\square$ | MCQ | One of the following terms does not apply to graphical layout | Ordinate | Absentee | Coordinate | Origin | B | eExam |
| $\square$ | MCQ | Given that $A$ and $B$ are conditional events; a. $\mathrm{P}(\mathrm{A})=$ $0.4, P(B)=0.3$, Find $p(A \cap B)$ | 0.07 | 0.05 | 0.04 | 0.06 | D | eExam |



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| $\square$ | MCQ | Given that the probability that Miss Grace Abel attends a party is independent of Ubaydullah attending the same party. If the probability that Grace Abel attends is $2 / 3$ and the probability that Ubaydullah attends is $3 / 5$; What is the probability that both of them attend the party? | 1/5. | 2/5. | 3/5. | 4/5. | B | eExam |
| $\square$ | MCQ | Obaka Consulting pays its sales people N 6.50, N 7.50 or N 8.50 . The corresponding weight is 14,10 and 2 respectively. Determine the weighted average mean. | N 7.01 | N 7.02 | N 7.03 | N 7.04 | D | eExam |
| $\square$ | MCQ | Considering a simple experiment of tossing a die, the six sample points, $S=\{1$, $2,3,4,5,6\}$. Since the die is balanced, each of the outcomes has equal chance of occurrence, which is | 1/3. | 1/4. | 1/5. | 1/6. | D | eExam |
| $\square$ | MCQ | The price of a television set in 2014 and 2015 were N46,000 and N62,000 respectively. Compute the price relative using 2014 as the base year. | 1.338 | 1.348 | 1.341 | 1.344 | B | eExam |
| $\square$ | MCQ | The class mark of 60-62 is | 59 | 60 | 61 | 62 | C | eExam |
| $\square$ | MCQ | An example of class boundary is $\qquad$ | 60-62.5. | 59.5-62 | 59.5-62.5 | 60-62 | C | eExam |

Showing 1 to 120 of 120 entries

