



MTH100 - General Mathematics (Quiz 3)

Question # 10 of 10 (**Start time: 09:25:18 PM, 21 July 2023**)

The lower class boundary of 25-35 will be _____?

Select the correct option

☐	35
☐	30
☐	20
☒	25

Solved by M.Kashif(03064963933)



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The lower class boundary of 25-35 will be _____?

- A. 20
- B. 25**
- C. 30
- D. 35

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Presentation Of Data

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MTH100 – General Mathematics (Quiz 3)

Question # 9 of 10 (Start time: 09:24:47 PM, 21 July 2023)

If a variable cannot take a numerical value then the variable is called

Select the correct option

☐	continuous variable
☐	discrete variable
☐	constant variable
☒	qualitative variable

Solved by M.Kashif(03064963933)



MTH100 – General Mathematics (Quiz 3)

Question # 8 of 10 (Start time: 09:24:18 PM, 21 July 2023)

A quantitative variable which can take any value in a given range is called

Select the correct option

☐	simple variable
☐	discrete variable
☒	continuous variable
☐	none of these

Solved by M.Kashif(03064963933)



MTH100 - General Mathematics (Quiz 3)

Question # 7 of 10 (Start time: 09:23:37 PM, 21 July 2023)

Pieces of numerical and non-numerical information are called data

Select the correct option

False



True



Solved by M.Kashif(03064963933)



MTH100 – General Mathematics (Quiz 3)

Question # 6 of 10 (Start time: 09:22:22 PM, 21 July 2023)

Relative frequency is calculated by dividing the frequency of each interval

Select the correct option

☒	by the total number of observations.
☐	None of these
☐	by the length of interval.
☐	by the sum of all the intervals.

Solved by M. Kashif(03064963933)



relative frequency is calcul...



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In English

A relative frequency is the ratio (fraction or proportion) of the number of times a value of the data occurs in the set of all outcomes to the total number of outcomes. To find the relative frequencies, divide each frequency by **the total number of students in the sample**, in this case, 20. 27-Mar-2020

<https://openstax.org/books/pages>

1.3 Frequency, Frequency Tables, and Levels of Measurement



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How is relative frequency calculated?



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Question # 5 of 10 (Start time: 09:21:54 PM, 21 July 2023)

Cumulative frequencies are _____?

Select the correct option



Increasing



Non- increasing



None of these



Decreasing

Solved by M.Kashif(03064963933)



MTH100 – General Mathematics (Quiz 3)

Question # 4 of 10 (Start time: 09:21:15 PM, 21 July 2023)

If the mean, median and mode of two data sets are equal then

Select the correct option

☐	None of these
☒	both data sets not necessarily equal
☐	both data sets should not be equal
☐	both data sets should be equal

Solved by M.Kashif(03064963933)

**MTH100 – General Mathematics (Quiz 3)****Question # 3 of 10 (Start time: 09:21:01 PM, 21 July 2023)**

In statistics, a population consists of:

Select the correct option

☐	All people living in a country
☒	All subjects or objects whose characteristics are being studied
☐	All people living in the area under study
☐	none of the above





MTH100 - General Mathematics (Quiz 3)

Question # 2 of 10 (Start time: 09:20:35 PM, 21 July 2023)

Which of the following is NOT used to measure the central tendency

Select the correct option

☐	Mode
☐	Arithmetic Mean
☒	Standard Deviation
☐	Median

Solved by M.Kashif(03064963933)



MTH100 - General Mathematics (Quiz 3)

Question # 1 of 10 (Start time: 09:19:07 PM, 21 July 2023)

The cumulative frequencies are plotted against the upper class boundaries of the corresponding class

Select the correct option

☒	True
☐	False

Solved by M.Kashif(03064963933)





the cumulative frequency...



Mcq

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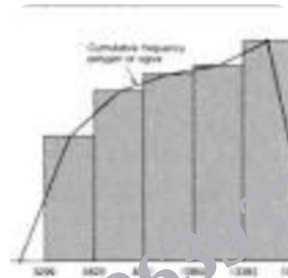
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In English



A graph showing the cumulative frequency plotted against the **upper boundary** is called a cumulative frequency polygon or ogive (cf. Fig 3.4).

<https://www.sciencedirect.com> > cu...

Cumulative Frequency - an overview |
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Where is cumulative frequency plotted?



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MTH100 - General Mathematics (Quiz 3)

Question # 10 of 10 (Start time: 09:15:51 PM, 21 July 2023)

If the arithmetic mean of 20 values is 10, then sum of these 20 values is:

Select the correct option

☐	20+10
☐	10
☐	20
☒	200

Solved by M.Kashif(03064963933)



MTH100 – General Mathematics (Quiz 3)

Question # 9 of 10 (Start time: 09:15:14 PM, 21 July 2023)

If the smallest observation in a data is decreased, the average which is not affected is:

Select the correct option

☐	Mode
☐	Harmonic mean
☐	Mean
☒	Median

Solved by M.Kashif(03064963933)

**MTH100 – General Mathematics (Quiz 3)****Question # 8 of 10 (Start time: 09:14:41 PM, 21 July 2023)**

----- use the division of a circle into different sectors?

Select the correct option

Conversion Graphs



Circle Graph



Line Graph



Frequency Polygon

Solved by M.Kashif(03064963933)

**MTH100 – General Mathematics (Quiz 3)****Question # 7 of 10 (Start time: 09:14:15 PM, 21 July 2023)**

When data is arranged, middle value in set of observations is classified as

Select the correct option

☐	mean
☐	standard deviation
☐	variance
☒	median

Solved by M.Kashif(03064963933)

**MTH100 - General Mathematics (Quiz 3)****Question # 6 of 10 (Start time: 09:13:06 PM, 21 July 2023)**

The central tendency is measured by

Select the correct option

☐	dispersion
☐	deviation
☒	averages
☐	range

Solved by M.Kashif(03064963933)



MTH100 - General Mathematics (Quiz 3)

Question # 5 of 10 (Start time: 09:12:41 PM, 21 July 2023)

In statistics, a population consists of:

Select the correct option



All people living in a country



none of the above



All subjects or objects whose characteristics are being studied



All people living in the area under study



**MTH100 – General Mathematics (Quiz 3)****Question # 4 of 10 (Start time: 09:12:17 PM, 21 July 2023)**

Which of the following is NOT used to measure the central tendency

Select the correct option

☐	Arithmetic Mean
☐	Median
☒	Standard Deviation
☐	Mode

Solved by M.Kashif(03064963933)



MTH100 - General Mathematics (Quiz 3)

Question # 3 of 10 (Start time: 09:11:52 PM, 21 July 2023)

A graph of cumulative frequency distribution is called _____?

Select the correct option

☐	None of these
☐	Frequency Polgon
☒	Ogive
☐	Histrogram

Solved by M.Kashif(03064963933)

**MTH100 – General Mathematics (Quiz 3)****Question # 2 of 10 (Start time: 09:10:29 PM, 21 July 2023)**

We must arrange the data before calculating:

Select the correct option

☐	Mode
☒	Median
☐	Mean
☐	Geometric mean

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We must arrange the data before calculating _____?

- A. Mean
- B. Median**
- C. Mode
- D. G.M.

Msg Added by: admin

Solved by M.Kashif(03064963933)



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