



Student Info 5

MTH100

Quiz No.3 Spring 2023

Muhammad Zaman 🖐️ 😍

0304-4756496

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Question # 1 of 10 (Start time: 11:11:35 AM, 20 July 2023) Total Marks: 1

In statistics, a population consists of:

Select the correct option

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

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Question # 2 of 10 (Start time: 11:12:55 AM, 20 July 2023) Total Marks: 1

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

Select the correct option

- ☐ Mode
- ☐ Harmonic mean
- ☒ Median
- ☐ Mean

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Question # 3 of 10 (Start time: 11:13:52 AM, 20 July 2023)

Total Marks: 1

A graph of cumulative frequency distribution is called _____?

Select the correct option

- ☐ None of these
- ☐ Histogram
- ☐ Frequency Polygon
- ☒ Ogive

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Question # 4 of 10 (Start time: 11:15:02 AM, 20 July 2023)

Total Marks: 1

The central tendency is measured by

Select the correct option

- ☐ range
- ☒ averages
- ☐ deviation
- ☐ dispersion

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Question # 5 of 10 (Start time: 11:15:52 AM, 20 July 2023)

Total Marks: 1

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

Select the correct option

☒	Standard Deviation
☐	Median
☐	Mode
☐	Arithmetic Mean

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Question # 7 of 10 (Start time: 11:18:18 AM, 20 July 2023)

Total Marks: 1

The first hand and unorganized form of data is called

Select the correct option

☐	None of these
☐	Secondary data
☐	Organized data
☒	Primary data

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Question # 8 of 10 (Start time: 11:18:58 AM, 20 July 2023)

Total Marks: 1

Budget of a household can be represented effectively through which of the following chart?

Select the correct option

- ☒ Pie Chart
- ☐ Bar chart
- ☐ Histogram
- ☐ Frequency chart

Windows taskbar and browser tabs showing the next question interface.

Question # 9 of 10 (Start time: 11:19:37 AM, 20 July 2023)

Total Marks: 1

Frequency Density =

Select the correct option

- ☐ Cumulative frequency/Class Width
- ☐ Class Width/Frequency
- ☐ Cumulative Frequency/Relative frequency
- ☒ Frequency/Class Width

Windows taskbar and browser tabs showing the end of the quiz interface.

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Question # 10 of 10 (Start time: 11:19:57 AM, 20 July 2023)

Total Marks: 1

Pieces of numerical and non-numerical information are called data

Select the correct option

☒	True
☐	False

Windows taskbar and browser tabs showing the same quiz interface.

Question # 1 of 10 (Start time: 11:27:00 AM, 20 July 2023)

Total Marks: 1

In statistics, a population consists of:

Select the correct option

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

Windows taskbar and browser tabs showing the same quiz interface.

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Question # 2 of 10 (Start time: 11:27:10 AM, 20 July 2023)

Total Marks: 1

In constructing a histogram which is to be taken along X-axis_____?

Select the correct option

- ☒ Class interval
- ☐ Class mark
- ☐ Class boundaries
- ☐ Class frequency

Quiz x If the mean, me x FULL BOOK H x ENG201 LEC 2 x ENG201 Highl x Isl202 Handou x ISL202 Comple x +
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Question # 3 of 10 (Start time: 11:28:44 AM, 20 July 2023)

Total Marks: 1

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

Select the correct option

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

Quiz x If the mean, me x FULL BOOK H x ENG201 LEC 2 x ENG201 Highl x Isl202 Handou x ISL202 Comple x +
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Question # 4 of 10 (Start time: 11:29:49 AM, 20 July 2023)

Total Marks: 1

Cumulative frequencies are _____?

Select the correct option

☐

Non- increasing

☐

None of these

☒

Increasing

☐

Decreasing

Windows taskbar and browser tabs showing the same quiz page.

Question # 5 of 10 (Start time: 11:30:37 AM, 20 July 2023)

Total Marks: 1

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

Select the correct option

☒

200

☐

20+10

☐

10

☐

20

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Total Marks: 1

Total Marks: 1

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Question # 8 of 10 (Start time: 11:33:53 AM, 20 July 2023)

Total Marks: 1

The smallest and the largest value of any given class of a frequency distribution are called _____?

Select the correct option

- ☐ Mid point
- ☒ Class limit
- ☐ Class interval
- ☐ Class marks

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https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=9fb75683-da3d-4190-baf2-54b911518d42

Question # 9 of 10 (Start time: 11:35:38 AM, 20 July 2023)

Total Marks: 1

The midpoint of the values after they have been ordered from the smallest to the largest or the largest to the smallest is called:

Select the correct option

- ☐ Upper quartile
- ☐ Mean
- ☒ Median
- ☐ Lower quartile

Quiz x The mid x Class ma x FULL BO x ENG201 x ENG201 x Isl202 Ho x ISL202 C x +
https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=9fb75683-da3d-4190-baf2-54b911518d42

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MTH100 - General Mathematics (Quiz 3) Quiz Start Time: 11:27 AM, 20 July 2023

Question # 10 of 10 (Start time: 11:36:35 AM, 20 July 2023)

Total Marks: 1

The variables whose calculation is done according to the height, length, and weight are categorised as

Select the correct option

- ☐ Measuring Variables
- ☒ Continuous Variables
- ☐ Flowchart Variables
- ☐ Discrete Variables

Windows taskbar and browser tabs showing the same quiz interface.

Question # 1 of 10 (Start time: 11:38:07 AM, 20 July 2023)

Total Marks: 1

Method used to compute average or central value of collected data is considered as

Select the correct option

- ☐ measures of positive variation
- ☐ measures of negative skewness
- ☐ measures of negative variation
- ☒ measures of central tendency

Windows taskbar and browser tabs showing the same quiz interface.

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Question # 2 of 10 (Start time: 11:39:11 AM, 20 July 2023)

Total Marks: 1

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

Select the correct option

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

Windows taskbar and browser tabs showing various documents and the current URL: https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=304d208f-321c-41ef-8202-0cb3a54b82d7

Question # 3 of 10 (Start time: 11:40:03 AM, 20 July 2023)

Total Marks: 1

In descriptive statistics, we study

Select the correct option

- ☐ none of the above
- ☐ How to describe the probability distribution
- ☒ The methods for organizing, displaying and describing data
- ☐ The description of the decision-making process.

Windows taskbar and browser tabs showing various documents and the current URL: https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=304d208f-321c-41ef-8202-0cb3a54b82d7

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Question # 4 of 10 (Start time: 11:41:07 AM, 20 July 2023)

Total Marks: 1

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

Select the correct option

- ☒ Circle Graph
- ☐ Conversion Graphs
- ☐ Line Graph
- ☐ Frequency Polygon

Windows taskbar and browser tabs showing the same quiz page.

Question # 5 of 10 (Start time: 11:41:57 AM, 20 July 2023)

Total Marks: 1

Class mark is the value which divides a class into ----- equal parts?

Select the correct option

- ☐ Four
- ☐ One
- ☐ Three
- ☒ Two

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Question # 6 of 10 (Start time: 11:42:35 AM, 20 July 2023)

Total Marks: 1

Arithmetic mean is 10 and number of observations are 20 then sum of all values is

Select the correct option

☒	200
☐	None of these
☐	100
☐	20

Quiz x Which branch x FULL BOOK H A x ENG201 LEC 23 x ENG201 Highli x Isl202 Handou x ISL202 Comple x +
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Question # 7 of 10 (Start time: 11:42:44 AM, 20 July 2023)

Total Marks: 1

Which branch of statistics deals with the techniques that are used to organize, summarize, and present the data:

Select the correct option

☒	Descriptive statistics
☐	Bayesian statistics
☐	Advanced statistics
☐	Probability statistics

Quiz x Which branch x FULL BOOK H A x ENG201 LEC 23 x ENG201 Highli x Isl202 Handou x ISL202 Comple x +
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Question # 8 of 10 (Start time: 11:44:17 AM, 20 July 2023)

Total Marks: 1

In constructing a histogram which is to be taken along X-axis_____?

Select the correct option

- ☐ Class frequency
- ☐ Class interval
- ☒ Class boundaries
- ☐ Class mark

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

Question # 9 of 10 (Start time: 11:44:45 AM, 20 July 2023)

Total Marks: 1

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

Select the correct option

- ☒ Standard Deviation
- ☐ Mode
- ☐ Median
- ☐ Arithmetic Mean

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Question # 10 of 10 (Start time: 11:45:30 AM, 20 July 2023)

Total Marks: 1

The variables whose calculation is done according to the height, length, and weight are categorised as

Select the correct option

- ☒ Continuous Variables
- ☐ Discrete Variables
- ☐ Measuring Variables
- ☐ Flowchart Variables

Windows taskbar and browser tabs showing the same quiz page.

Question # 1 of 10 (Start time: 03:49:16 PM, 20 July 2023)

Total Marks: 1

In constructing a histogram which is to be taken along X-axis_____?

Select the correct option

- ☐ Class mark
- ☐ Class frequency
- ☐ Class boundaries
- ☒ Class interval

Windows taskbar and browser tabs showing the same quiz page.

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Question # 2 of 10 (Start time: 03:50:32 PM, 20 July 2023)

Total Marks: 1

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

Select the correct option

☐	20
☒	200
☐	20+10
☐	10

Windows taskbar and browser tabs showing the same quiz page.

Question # 3 of 10 (Start time: 03:50:40 PM, 20 July 2023)

Total Marks: 1

Pieces of numerical and non-numerical information are called data

Select the correct option

☒	True
☐	False

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Quiz x Arithmetic mean x FULL BOOK H x ENG201 LEC 2 x *ENG201 High x Isl202 Handout x ISL202 Comple x +
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Question # 4 of 10 (Start time: 03:51:26 PM, 20 July 2023)

Total Marks: 1

Arithmetic mean of 2, 4 and 6 is

Select the correct option

☐	5
☐	3
☒	4
☐	6

Windows taskbar and browser tabs showing the same quiz page.

Question # 5 of 10 (Start time: 03:52:00 PM, 20 July 2023)

Total Marks: 1

The central tendency is measured by

Select the correct option

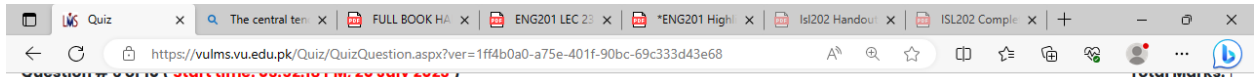
☐	range
☐	deviation
☐	dispersion
☒	averages

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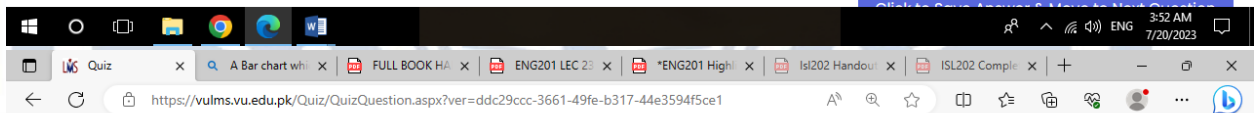
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Which branch of statistics deals with the techniques that are used to organize, summarize, and present the data:

Select the correct option

☐	Probability statistics
☐	Advanced statistics
☒	Descriptive statistics
☐	Bayesian statistics



MTH100 - General Mathematics (Quiz 3)

Quiz Start Time: 03:49 PM, 20 July 2023

Question # 7 of 10 (Start time: 03:52:27 PM, 20 July 2023)

Total Marks: 1

A Bar chart which represents continuous data is called

Select the correct option

☐	a pie chart
☐	a discrete chart
☒	a histogram
☐	None of these

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Question # 8 of 10 (Start time: 03:52:57 PM, 20 July 2023)

Total Marks: 1

A graph of cumulative frequency distribution is called _____?

Select the correct option

- ☒ Ogive
- ☐ Histogram
- ☐ Frequency Polygon
- ☐ None of these

Windows taskbar and browser tabs showing the same quiz page.

Question # 9 of 10 (Start time: 03:53:27 PM, 20 July 2023)

Total Marks: 1

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

Select the correct option

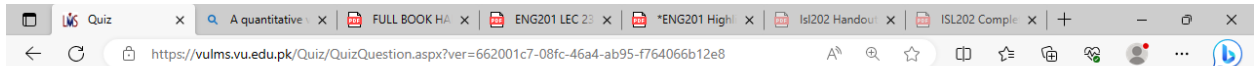
- ☐ mean
- ☐ variance
- ☐ standard deviation
- ☒ median

Windows taskbar and browser tabs showing the same quiz page.

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

Select the correct option

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



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By Muhammad
Zaman

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Student Info 5

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Remember me in you Precious Prayer

Jazak Allah

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