

**MTH102**

**By M.ASif Nawaz**

**MTH102 Quiz No. 3 Spring 2023**

**Quiz # 3**



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Question # 1 of 10 ( **Start time: 03:08:23 PM, 22 July 2023** )

In descriptive statistics, we study

Select the correct option

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | none of the above  |
| <input type="radio"/>            | The description of the decision-making process.            |
| <input checked="" type="radio"/> | The methods for organizing, displaying and describing data |
| <input type="radio"/>            | How to describe the probability distribution               |

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Question # 2 of 10 ( **Start time: 03:09:17 PM, 22 July 2023** )

For a given class 30-44 the midpoint will be \_\_\_\_\_?

Select the correct option

- |                                  |    |
|----------------------------------|----|
| <input type="radio"/>            | 30 |
| <input type="radio"/>            | 34 |
| <input type="radio"/>            | 35 |
| <input checked="" type="radio"/> | 37 |

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Question # 3 of 10 ( **Start time: 03:10:01 PM, 22 July 2023** )

The first hand and unorganized form of data is called

Select the correct option

<input type="radio"/>	Organized data
<input checked="" type="radio"/>	Secondary data
<input type="radio"/>	None of these
<input type="radio"/>	Primary data

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Question # 5 of 10 ( **Start time: 03:12:56 PM, 22 July 2023** )

If the observations of a variable X are, -4, -20, -30, -44 and -36, then the value of the range will be:

Select the correct option

- |                                  |     |
|----------------------------------|-----|
| <input type="radio"/>            | -48 |
| <input type="radio"/>            | -40 |
| <input checked="" type="radio"/> | 40  |
| <input type="radio"/>            | -48 |

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Question # 6 of 10 ( **Start time: 03:13:37 PM, 22 July 2023** )

The number of accidents in a city during 2020 is

Select the correct option

- |                                  |                      |
|----------------------------------|----------------------|
| <input type="radio"/>            | Discrete variable    |
| <input checked="" type="radio"/> | constant             |
| <input type="radio"/>            | Qualitative variable |
| <input type="radio"/>            | Continuous variable  |

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Question # 7 of 10 ( **Start time: 03:14:50 PM, 22 July 2023** )

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

**Select the correct option**

- |                                  |                                |
|----------------------------------|--------------------------------|
| <input checked="" type="radio"/> | measures of positive variation |
| <input type="radio"/>            | measures of central tendency   |
| <input type="radio"/>            | measures of negative variation |
| <input type="radio"/>            | measures of negative skewness  |

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Question # 8 of 10 ( **Start time: 03:15:40 PM, 22 July 2023** )

The algebraic sum of deviations from mean is:

Select the correct option

<input type="radio"/>	Minimum
<input type="radio"/>	undefined
<input type="radio"/>	Maximum
<input checked="" type="radio"/>	zero

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Question # 9 of 10 ( **Start time: 03:16:10 PM, 22 July 2023** )

The mean of a distribution is 23, the median is 24, and the mode is 25.5. It is most likely that this distribution:

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | Negatively Skewed |
| <input type="radio"/>            | Positively Skewed |
| <input type="radio"/>            | Asymptotic        |
| <input type="radio"/>            | Symmetrical       |

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Question # 10 of 10 ( **Start time: 03:21:37 PM, 22 July 2023** )

In inferential statistics, we study

**Select the correct option**

<input type="radio"/>	How to make decisions about mean, median, or mode
<input type="radio"/>	How a sample is obtained from a population
<input checked="" type="radio"/>	The methods to make decisions about the population based on sample results
<input type="radio"/>	none of the above