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reviewer4@nptel.iitm.ac.in ▼

Courses » Business Statistics

Announcements

Course

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## Unit 3 - Week 2

Register for Certification exam

### Course outline

How to access the portal

#### Week 1

#### Week 2

Lesson-6 Measures of Central Tendency- Part 2

Lesson-7 Examples of introduction to data and data representation techniques

Lesson-8 Measures of Variation

Lesson-9 Applications of Measures of Central Tendency and Measures of Variation

Lesson-10 Chapter concepts- Measures of central tendency and measures of

## Assignment 2

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-02-13, 23:59 IST.**

1) 1. Which of the following is false about Mean? **1 point**

- a) It may be affected by extreme values
- b) It is cannot be computed in case of categorical data
- c) It is used for open class
- d) None of the above

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*c) It is used for open class*

2) 2. Which of the following is not a measure of central tendency for ungrouped data? **1 point**

- a) Mean
- b) Median
- c) Mode
- d) Range

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*d) Range*

3) 3. Method used to compute average or central value of collected data is considered as **1 point**

- a) Measures of positive variation

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Assignment 2	<i>b) Measures of central tendency</i>	
<b>Week 3</b>	4) 4. Measure of central tendency which represents over time multiplicative effects for inflation and compound interest is considered as	<b>1 point</b>
<b>Week 4</b>	<input type="radio"/> a) Deviation Square Mean <input type="radio"/> b) Paired Mean <input type="radio"/> c) Geometric Mean <input type="radio"/> d) Harmonic Mean	
<b>Week 5</b>		
<b>Week 6</b>		
<b>Week 7</b>		
<b>Week 8</b>	<b>No, the answer is incorrect.</b> <b>Score: 0</b>	
<b>Week 9</b>	<b>Accepted Answers:</b> <i>c) Geometric Mean</i>	
<b>Week 10</b>	5) 5. Around central value of observations, extent to which values depart from normal distribution is classified as	<b>1 point</b>
<b>Week 11</b>		
<b>Week 12</b>	<input type="radio"/> a) Negative variation <input type="radio"/> b) Positive variation <input type="radio"/> c) Skewness <input type="radio"/> d) Positive trailing	
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	<b>No, the answer is incorrect.</b> <b>Score: 0</b>	
	<b>Accepted Answers:</b> <i>c) Skewness</i>	
	6) 6. Which of the following is false about the median?	<b>1 point</b>
	<input type="radio"/> a) Not affected by extreme values <input type="radio"/> b) Can be computed in case of open class <input type="radio"/> c) Can be computed in case of categorical variable <input type="radio"/> d) Can easily be used to estimate population parameter	
	<b>No, the answer is incorrect.</b> <b>Score: 0</b>	
	<b>Accepted Answers:</b> <i>d) Can easily be used to estimate population parameter</i>	
	7) 7. Which of the following is false about mode?	<b>1 point</b>
	<input type="radio"/> a) It is the value that occurs the most <input type="radio"/> b) It is affected by extreme values <input type="radio"/> c) Can be used for both numerical and categorical data <input type="radio"/> d) There can be no mode	
	<b>No, the answer is incorrect.</b> <b>Score: 0</b>	
	<b>Accepted Answers:</b> <i>b) It is affected by extreme values</i>	
	8) 8. Coefficient of variation can be defined as the ratio of .....	<b>1 point</b>

- a) Mean to standard deviation
- b) Mean to variance
- c) Standard deviation to mean
- d) Variance to mean

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*c) Standard deviation to mean*

9) 9. Which of the following is an example of a relative measure of dispersion? **1 point**

- a) Standard deviation
- b) Variance
- c) Coefficient of variation
- d) All of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*c) Coefficient of variation*

10) 10. The square of the variance of a distribution is the ..... **1 point**

- a) Standard deviation
- b) Mean
- c) Range
- d) None of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*d) None of the above*

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