Unit 03: Mathematical Expectations

1. _____, also known as the expected value.

Mathematical expectation.	Random Variables	Continuous variable	All of these

2. Mathematically, a _____is a real-valued function whose domain is a sample space S of a random experiment.

Mathematical expectation.	Random Variable	Continuous variable	All of these

3. A variable which assumes infinite values of the sample space is a _____.

Mathematical expectation.	Random Variable	Continuous random variable	All of these

4. _____is a descriptive summary of a dataset through a single value that reflects the center of the data distribution.

Random variable	Central Tendency	Sample space	All of the above

5. The _____ is the "middle" value in the list of numbers.

Median	Mode	Mean	Range

6. The _____ is the score that occurs most frequently in a set of data.

Median	Mode	Mean	Range

7. _____means the extent to which a numerical data is likely to vary about an average value.

Dispersion	Left Skewed	Right Skewed	All of the above

8. The value of skewness for a _____skewed distribution is greater than zero.

Positive	Negative	Neutral	All of the Above

9. The value of skewness for a _____skewed distribution is less than zero.

Positive	Negative	Neutral	All of the Above

10. _____measures the degree of peakedness of a frequency distribution.

Kurtosis	Skewness	Dispersion	All of the above

11. When the peak of a curve becomes relatively high then that curve is called _____

Leptokurtic | Platykurtic. | Mesokurtic. | All of the above

12. When the curve is flat-topped, then it is called _____

Leptokurtic | Platykurtic. | Mesokurtic. | All of the above

13. _____is a visual display of data and statistical results.

Dispersion | Kurtosis | Graphical representation | All of the above

14. _____is a new technology that provides the users the tools to store the summarized information.

Data Warehousing | Data mining | Data Dispersion | All of the above

15. Finding hidden patterns from data is called as

Data Warehousing | Data mining | Data Dispersion | All of the above