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Question **21**

Answer saved

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If a group of data has a variance of 1000, what is the standard deviation?

Select one:

- a. 31.62
- b. 100
- c. 101.31
- d. 1.00

Question **22**

Answer saved

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A set data has five elements having a mode of 6. Find missing data 10, 4, 6, 7, _

Select one:

- a. 4
- b. 5
- c. 7
- d. 6

Question **23**

Answer saved

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Which is incorrect?

Select one:

- a. $5C0=1$
- b. $0C0=1$
- c. $5P5=1$
- d. $0P0=1$

Question **24**

Answer saved

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Classify: Height

Select one:

- a. Numerical
- b. Categorical

Question **25**

Answer saved

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A researcher was interested in whether an individual's interest in politics was influenced by their level of education and gender. Therefore, the dependent variable was "interest in politics", and the two independent variables were "gender" and "level of education". In particular, the researcher wanted to know whether there was an interaction between education level and gender. What statistical method can be best used?

Select one:

- a. none of these
- b. Two-way ANOVA with replication
- c. Two-way ANOVA without replication
- d. One-way ANOVA

Question **26**

Answer saved

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In this type of skewness, median is greater than the mean but less than the mode

Select one:

- a. Positively Skewed
- b. none of the above
- c. Negatively Skewed
- d. normal curve

Question **27**

Answer saved

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This examines two or more independent samples based on multiple characteristics. In this method, the data must be balanced and factors must be fixed.

Select one:

- a. 2-way ANOVA
- b. one-way ANOVA
- c. T-test
- d. Z-test

Question **28**

Answer saved

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The standard deviation is a measure of _____ of a frequency distribution?

Select one:

- a. Shape
- b. central tendency
- c. variability
- d. normality

Question **29**

Answer saved

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Classify: Weight

Select one:

- a. Numerical
- b. Categorical

Question **30**

Answer saved

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A process by which we estimate the value of dependent variable on the basis of one or more independent variables is called:

Select one:

- a. correlation
- b. finding the value of X
- c. Regression
- d. Slope

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