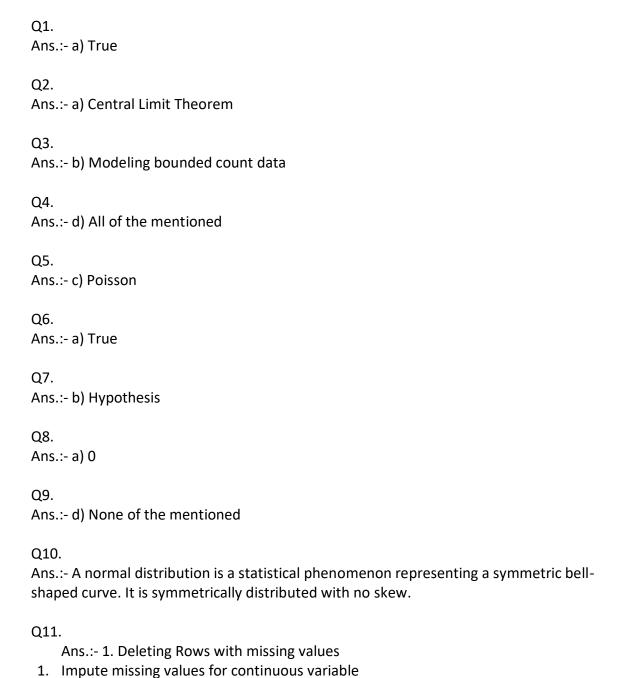
Statistics Worksheet-1 Answers



3. Other Imputation Methods

4. Using Algorithms that support missing values

2. Impute missing values for categorical variable

- 5. Prediction of missing values
- 6. Imputation using Deep Learning Library

Q12.

Ans.:- A/B testing is a term for comparing two versions of a webpage or app against each other to determine which one performs better.

Q13.

Ans.:- Mean imputation does not preserve the relationships among variables. Mean imputation leads to An Underestimate of Standard Errors.

Q14.

Ans.:-Linear regression is a regression model that estimates the relationship between one independent variable and one dependent variable using a straight line. Both variables should be quantitative.

Q15.

Ans.:-

- 1. Descriptive Statistics
- a. Central Tendency (Mean, Median & Mode)
- b. Dispersion of data (range, Variance, standard deviation, percentile & skew)
- 2. Inferential Statistics
- a. Hypothesis testing (Z Score, T score, regression test, chi square test, Anova...)