STATISTICS

1. A) True
2. A) Central Limit Theorem
3. B) Modelling Bounded Count Data
4. D) All of the Mentioned
5. C) Poisson
6. B) False
7. B) Hypothesis
8. A) 0
9. C) Outliers cannot conform to regression relationship

10. Normal distribution is a probability distribution that is symmetric about the mean, In a normal distribution the mean is zero and the standard deviation is 1 It has zero skew

11. Missing data can be handled by dropping them if the missing data is very less. Or we can replace missing data with mean or median values . I would recommend by replacing them with mean values.

12. A/B testing, also known as split testing, refers to a randomized experimentation process wherein two or more versions of a variable (web page, page element, etc.) are shown to different segments of website visitors at the same time to determine which version leaves the maximum impact and drive business metrics.

13. Yes acceptable, Imputing the mean preserves the mean of the observed data. So if the data are missing completely at random, the estimate of the mean remains unbiased.

14. In statistics, linear regression is a linear approach for modelling the relationship between a scalar response and one or more explanatory variables (also known as dependent and independent variables). The case of one explanatory variable is called simple linear regression;

15. There are three branches of statistics: data collection, descriptive statistics and inferential statistics