1. A
2. A
3. B
4. D
5. C
6. B
7. B
8. A
9. C

10. Ans
Normal Distribution or Gaussian distribution is symmetric about the mean. In Graph form it is bell shaped curve. 67%of data are in +/-1 standard deviation. 95% of data in +/-2 and 99.7 in +/-3.

11. Ans
Deletion method - Listwise Deletion and Pairwise Deletion and Imputation are used to deal with missing data
Imputation methods are:
Mean or Median Imputation
Substitution
Hot deck imputation
Cold deck imputation
Regression imputation
Interpolation and extrapolation
Single or Multiple Imputation

12. Ans
A/B testing is experiment done on website mobile application or ad to determine which version is better.

13.Ans
Mean Imputation is a bad practice as it increases Bias and decreases variance which in turn lowers accuracy of the model. And also it doesn't maintain the relation between variables – correlation.

14. Ans
Linear Regression is used to predict variable based on values of other variable. The predicted variable is called dependent variable and the other variable used to predict is called independent variable.
Linear Regression estimates the coefficients of linear equation, where there are more than one or more independent variable that predicts the value of dependent.

15. Ans
Statistics is divided into
a. Descriptive statistics
b. Inferential statistics

a. Descriptive statistics has
- Central Tendency
- Spread of Data

b. Inferential statistics has
- Z-score
- Hypothesis Testing
- TTest
- Chi-square test
- Reg test – Annova/Manova