STATISTICS WORKSHEET-1

1) A

2) A

3) B

4) D

5) C

6) B

7) B

8) A

9) C

10) The normal distribution is the most widely known and used of all distributions. Because the normal distribution approximates many natural phenomena so well, it has developed into a standard of reference for many probability problems.

11)

12) A/B testing is a basic randomized control experiment. It is a way to compare the two versions of a variable to find out which performs better in a controlled environment.

13) The process of replacing null values in a data collection with the data's mean is known as mean imputation.

Mean imputation is typically considered terrible practice since it ignores feature correlation

14) Linear regression strives to show the relationship between two variables by applying a linear equation to observed data.

15) There are 3 branches of statistics

   a) **data collection**

   b) **descriptive statistics**

   c) **inferential statistics**