**STATISTICS WORKSHEET-1**

1. **A**
2. **A**
3. **B**
4. **D**
5. **C**
6. **B**
7. **B**
8. **A**
9. **C**
10. Normal distribution means bell shaped curved and data is symmetrically distributed with no skew .
11. Mean manipulation , median manipulation , mode manipulation ets techniques can be used .
12. It is techinique which is used to test which of the two versions of web pages performs better among both of them .
13. Yes , it acceptable manipulation technique.
14. Linear regression analysis is used to predict the value of a variable based on the value of another variable. The variable you want to predict is called the dependent variable. The variable you are using to predict the other variable's value is called the independent variable.
15. Descriptive statistics 2. Inferential statistics

**Python Worksheet – 1**

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

**MACHINE LEARNING**

**1.A**

**2.A**

**3.B**

**4.B**

**5.C**

**6.B**

**7.D**

**8.D**

**9.A**

**10.A**

**11.C**

**12.A**

**13.** It is a technique to prevent models from overfitting by adding extra information to it. The two main techniques are Lasso and Ridge.

**14.** The two main algorithm are Lasso and Ridge.

**15.** In linear regression, error refer to difference between the observed values and predicted values by the linear regression model .