1. Which of the following methods do we use to find the best fit line for data in Linear Regression?

A) Least Square Error

2. Which of the following statement is true about outliers in linear regression?

A) Linear regression is sensitive to outliers

3. A line falls from left to right if a slope is \_\_\_\_\_\_?

B) Negative

4. Which of the following will have symmetric relation between dependent variable and independent

variable?

A) Regression B) Correlation

C) Both of them

5. Which of the following is the reason for over fitting condition?

A) High bias and high variance

6. If output involves label then that model is called as:

A) Descriptive model B) Predictive modal

C) Reinforcement learning Answer:-D) All of the above

7. Lasso and Ridge regression techniques belong to \_\_\_\_\_\_\_\_\_?

D) Regularization

8. To overcome with imbalance dataset which technique can be used?

A) Cross validation

9. The AUC Receiver Operator Characteristic (AUCROC) curve is an evaluation metric for binary

classification problems. It uses \_\_\_\_\_ to make graph?

1. TPR and FPR

10. In AUC Receiver Operator Characteristic (AUCROC) curve for the better model area under the

curve should be less.

B) False

11. Pick the feature extraction from below:

B) Apply PCA to project high dimensional data

12. Which of the following is true about Normal Equation used to compute the coefficient of the Linear

Regression?

B) It becomes slow when number of features is very large.

C) We need to iterate.