Machine Learning

1. (A) - Least square error
2. (A) - Linear regression is sensitive to outliers
3. (C) - Zero
4. (B) - Correlation
5. (C) - Low bias and high variance
6. (B) - Predictive model
7. (D) - Regularization
8. (A) - Cross validation
9. (A) - TPR & FPR
10. (B) - False
11. (A) - Construction bag of words from a email
12. - (A) - We don't have to choose the learning rate
    - (B) - It becomes slow when the number of features is very large.

13. A - Regularization is a way to avoid overfitting by penalizing high-valued regression coefficients. It reduces parameters and simplifies the model.

14. A - Lasso & ridge regression algorithms are used for regularization.

15. A - The error term is the difference between expected output at a particular time and the output that was actually observed. The error term stands for any influence being exerted on the variable. For eg: changes in market sentiment.