# Machine Learning Worksheet-1

## Answers from Q1 to Q12

1. A)
2. A)
3. B)
4. B)
5. C)
6. B)
7. D)
8. D)
9. A)
10. B)
11. B)
12. A), B) & C)

## Answers from Q13 to Q15

13. Regularization is a method in Machine Learning to constraint model to fit data accurately and avoid overfitting. I will penalize the noise or unnecessary complexity of the model.

14. LASSO Regression and Ridge Regression are the algorithms which can be used for Regularization.

15. The Linear Regression model will predict some numbers based on the features in data. The difference between the prediction and the actual value is defined on some exogenous factors, this exogenous factor is known as error term.