1) A
2) A
3) B
4) B
5) C
6) C
7) D
8) C
9) A
10) B
11) A
12) A,B
13) Regularization is a technique used to avoid overfitting. It regularizes data by adding penality to the features . This technique adds the penality based on relation between feature and label. If the feature contributes very less amount then it adds weightage to that feature. There are 2 techniques under regularization.
    a) LASSO regression
    b) Ridge Regression
14) Two algorithms are used under regularization.
    a) LASSO regression – It penalizes a feature to zero if doesnot contribute to predict label.
    b) Ridge Regression – It penalizes a feature with very less weightage but not zero if a feature doesnot contribute to predict label.
15) Error in linear regression is known as residual. Residual is calculated as the difference between actual data and predicted data. Error under linear regression algorithm can be calculated using following metrics:
    a) MAE(Mean Absolute Error)
    b) MSE (Mean Squared Error)
    c) RMSE(Root Mean Squared Error)