1. (A)
2. (A)
3. (A)
4. (B)
5. (C)
6. (C)
7. (D)
8. (D)
9. (A)
10. (A)
11. (B)
12. (A) ,(B),(C)
13. Regularizations are techniques used to reduce the error by fitting a function appropriately on the given training set and avoid overfitting. This is a form of regression, that constrains/ regularizes or shrinks the coefficient estimates towards zero.In other words, this technique discourages learning a more complex or flexible model, so as to avoid the risk of overfitting.
14. Here are three main regularization techniques, namely:

    1)Ridge Regression (L2 Norm)

    2)Lasso (L1 Norm)

    3)Dropout

15. The distance between the actual value and predicted values is called residual. If the observed points are far from the regression line, then the residual will be high, and so cost function will high.If the scatter points are close to the regression line, then the residual will be small and hence the cost function. Within a linear regression model tracking a stock's price over time, the error term is the difference between the expected price at a particular time and the price that was actually observed.