MACHINE LEARNING

Name- Niharika Nandal

Batch no.-1837

Ans 1- (A)

Ans 2- (A)

Ans 3- (B)

Ans 4- (A)

Ans 5- (C)

Ans 6- (B)

Ans 7- (D)

Ans 8- (A)

Ans 9- (A)

Ans 10- (B)

Ans 11- (B)

Ans 12- (A, B and C)

Ans 13-
(A) - Regularization refers to make things regular or acceptable to compose. This is exactly why we use it and for applied on machine learning. In the context of machine learning, regularization is the process which regularizes or shrinks the coefficients towards zero. In simple words, regularization discourages learning a more complex or flexible model, to prevent overfitting.

It is one of the most important concepts of machine learning. This technique prevents the model from over fitting by adding the extra information.

Ans 14- Ridge Regression

- LASSO (Least Absolute Shrinkage and Selection Operator)
- Regression
- Elastic-Net Regression

Ans 15- An error term is a residual variable produced by a statistical or mathematical model, which is created when the model does not fully represent the actual relationship between the independent variables and the dependent variables. As a result of this incomplete relationship, the error term is the amount at which the equation may differ during empirical analysis.