MACHINE LEARNING

Ans:-1 A

Ans:-2 A

Ans:-3 A

Ans:-4 C

Ans:-5 A

Ans:-6 B

Ans:-7 D

Ans:-8 D

Ans:-9 A

Ans:-10 A

Ans:-11 B

Ans:-12 A,B

Ans:-13 Regularization:-that constrains/regularizes or shrinks the coefficient estimates towards zero or we can say the techniques discourages learning a more complex or flexible model, so as to avoid the risk of overfitting.

Ans:-14 There are two algos that are used for Regularization:-

1. Ridge Regression:- is one of the types of Linear regression in which tries to reduce the gap between different coefficient.
   a. Minimize coefficient values difference.
2. Lasso Regression :-is the another variant of the regularization technique used to reduce the complexity of the model or internally controls the coefficient of a particular variable.

Ans:-15 It refers to the sum of the deviation with the regression line, which provides an explanation for the difference between the theoretical value of the model and the actual observed results or all of the variable in the dependent variable not explained by the weighted independent variable.