Question 1 answer: option a

Question 2 answer: option a

Question 3 answer: option b

Question 4 answer: option b

Question 5 answer: option c

Question 6 answer: option b

Question 7 answer: option d

Question 8 answer: option d

Question 9 answer: option a

Question 10 answer: option a

Question 11 answer: option b

Question 12 answer: option a & b

Question 13 answer: Regularization is one of the most important concepts of machine learning. It is a technique to prevent the model from overfitting by adding extra information to it.it allow you to reduce magnitude of variable then it maintains accuracy and generalization

Question 14 answer: Ridge regression, lasso

Question 15 answer: error mean residual variable, its shows the distance of y value from the predicted y value at each value, squaring each distance , calculating the mean of squared distance . error between predicted and actual