Question 1

Asnwers :-

1.(A)

2.(A)

3.(B)

4.(C)

5.(A)

6.(B)

7.(D)

8.(D)

9.(B)

10.(A)

11.(B)

12.(D),(A)

13. Explain the term regularization ?

Regularization is **a technique used to reduce the errors by fitting the function appropriately on the given training set and avoid overfitting**.

14. Which particular algorithms are used for regularization?

- Ridge Regression

- LASSO (Least Absolute Shrinkage and Selection Operator) Regression

- Elastic-Net Regression

15. Explain the term error present in linear regression equation?

Ans:- It is often said that the error term in a regression equation represents **the effect of the variables**. **that were omitted from the equation**.