

1. D
2. A
3. B
4. C
5. C
6. B
7. D
8. D
9. A
10. B
11. B
12. A,B,C

### **Subjective Type Answer**

13.

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. Sometimes the machine learning model performs well with the training data but does not perform well with the test data.

14..

Understanding the use of Regularization algorithms like LASSO, Ridge, and Elastic-Net regression.

15.

An error term represents the margin of error within a statistical model; it refers to the sum of the deviations within the regression line, which provides an explanation for the difference between the theoretical value of the model and the actual observed results