# Machine Learning

1. **A**
2. **B**
3. **B**
4. **B**
5. **C**
6. **B**
7. **D**
8. **D**
9. **A**
10. **B**
11. **B**
12. **A,B,C**
13. **Regularization-** It is one of the most important concepts of machine learning. It is a technique to prevent the model from over fitting by adding extra information to it. It mainly regularizes or reduces the coefficient of features toward zero. In regularization technique, we reduce the magnitude of the features by keeping the same number of features.
14. **Algorithms used for regularization-** Ridge regression, Least Absolute Shrinkage and Selection Operator (LASSO) regression, Elastic – Net elastic 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. The regression line is used as a point of analysis when attempting to determine the correlation between one independent variable and one dependent variable