MACHINE LEARNING

1. D
2. A
3. B
4. B
5. C
6. D
7. D
8. A
9. A
10. B
11. B
12. A,B,C
13. Regularization is a technique used to reduce the errors by fitting the function appropriately on the given training set and avoid over fitting.
14. They are 2 types of Regularization techniques
    L1 Regularization : It adds L1 penalty that is equal to the absolute value of the magnitude of coefficient, or by simply restricting the size of coefficients.
    Eg: Lasso Regression
    L2 Regularization : It adds an L2 penalty which is equal to the square of the magnitude of coefficients. Eg: Ridge Regression.
15. An error term represents the margin of error within a statistical model. It refers to the sum of deviations within the regression line, which provides an explanation for the difference between the theoretical value of the model and the actual observed results.