Answers

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

13. Regularization refers to techniques that are used to calibrate machine learning models in order to minimize the adjusted loss function and prevent overfitting or underfitting.

14. **There are three main regularization techniques, namely:**

- Ridge Regression (L2 Norm)
- Lasso (L1 Norm)
- Dropout.

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.