

1. A
2. A
3. B
4. C
5. C
6. B
7. D
8. D
9. A
10. A
11. B
12. B, D
13. It is a technique that is used to tune the function that is highly fluctuating to avoid overfitting.
14.
 - a. Ridge Regression
 - b. LASSO (Least Absolute Shrinkage and Selection Operator)
 - c. Elastic-Net Regression
15. There is an error term because the predictions can never be perfect, there is always a chance to have a slight error.