Machine Learning

1) A
2) D
3) B
4) B
5) D
6) B
7) D
8) D
9) C
10) b

12)a and b

14) Lasso and Ridge

13) Regularization: we try to minimize the error by using different algorithm like lasso and ridge in case of lasso method the coefficient values of variable those are insignificant to contribution of Y the lasso reduces those coefficient values of variable to the zero so it will try to eliminate those variables .in case of ridge some variables have high coefficient values and some have less coefficient values means positive and negative coefficient values respectively so ridge try to reduce down gaps between coefficient values of variables and gap comes to minimum level .

15) Term Error : in linear regression there is a error when we feed the data to machine for testing .machine returns the answers and that answers of machine and original answers are checked and both goes to error method by substracting each machine answer with that of particular original answer and then sum of all them and dividing by the number of answers it is calculated mean value this is called Error if the error is high that mean machine answer is less accurate if it is good means error is less and machine training is good .