MCA Semester II (2 years Course)
~~LCC252~~ **– AI with Python Lab**
Question Bank
AY- 2020-2021

1. Write python program to perform binarization of data
2. Write python program to perform mean removal
3. Write python program to perform scaling
4. Write python program to perform L1 normalization
5. Write python program to perform L2 normalization
6. Write python program to encode the data labels
7. Write python program to create a Naïve Bayes classifier
8. Write python program to implement support vector machine
9. Write python program to implement logistic regression
10. Write python program to implement decision tree classifier
11. Write python program to implement random forest classifier
12. Write python program to implement linear regressor
13. Write python program to implement multivariable regressor
14. Write python program to implement K-means algorithm
15. Write python program to implement mean shift algorithm
16. Write python program to calculate silhouette score
17. Write python program to find nearest neighbors
18. Write python program to implement K-nearest neighbor classifier
19. Write python program to implement noun phrase chunking
20. Write python program to build bag of words model in NLTK
21. Write python program to implement category prediction
22. Write python program to implement gender finder
23. Write python program to generate magic squares
24. Write python program to implement coins game
25. Write python program to implement tic tac toe
26. Write python program to implement perceptron
27. Write python program to implement single layer neural networks
28. Write python program to implement multi layer neural networks
29. Write python program to implement depth first search
30. Write python program to implement breadth first search