

### **Machine Learning Assignment-3 Answers**

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

13. Clustering in Machine Learning is an essential component and makes life so much easier in creating new machine learning methods. It mainly divides many unstructured data sets into clusters and, according to the common attributes present in them, it helps create more and more clusters.

14. We can improved by applying ICA blind source separation during the Graph Laplacian embedding step. Applying unsupervised feature learning to input data using either RICA OR SFT, improves clustering performance.