**Internet of Things Technology (15CS81)**

**Module – 4**

**Assignment Questions**

1. Discuss the following with respect to the machine learning

(i) Supervisor Learning (ii) Unsupervisor Learning

1. Discuss in detail the Types of Data Analysis Results.
2. With eat supporting diagram explain Hadoop Distributed File System (HDFS)
3. With neat diagram explain the MPP Shared-Nothing Architecture
4. Discuss in the IoT Data Analytics Challenges.
5. Write short note on Neural Network with Example
6. With neat diagram explain the Distributed Hadoop Cluster.
7. With neat diagram explain the following (i) Apache Kafka Data Flow (ii) Lambda Architecture
8. Comparing the Big Data and the Edge Analytics.
9. Illustrates the stages of data processing in an Edge Analytics Processing Unit (APU).
10. With an example explain the Distributed Analytics Systems
11. With neat diagram explain the Smart Grid FAN Analytics with NetFlow.
12. With neat diagram explain the Flexible NetFlow Architecture.