***Module – 1 Questions***

1.Explain the charecteristics of IOT with diagram.

2.Explain the evalution of IOT

3.Explain with diagram interdependence and reach of IoT over various application domains and networking paradigms.

4.Explain with diagram IOT networking Components

5.Explain Addressing Strategies in IoT

6.Explain with diagram Address management classes in IOT

***Module – 2 Questions***

1.outline of the differences between transducers, sensors, and actuators

2. Explain simple sensing operation

3. Explain with diagram functional blocks of a typical sensor node in IoT

4. Explain the sensor Characteristics.

5. What are Actuators? explain its types.

***Module – 3 Questions***

1. Explain IoT Processing Topologies and Types
2. Explain Importance of Processing in IoT
3. Explain Processing Topologies  
   1. i.onsite
   2. ii.offsite
4. Explain Processing Offloading with block diagram
5. Explain IoT Device Design and Selection Considerations

***Module – 4 Questions***

1. **Explain IEEE 802.15.4 Standard representation with layers**
2. **Explain Zigbee Radio Communication**
3. **Explain IAS . 118**
4. **Explain Wireless HART Network Architecture (Diagram)**
5. **Explain Rfid Technology with diagram(Case Study)**
6. **Explain any two below protocol**
   1. **NFC**
   2. **DASH7**
   3. **Z wave**