

## **Question Bank for Unit-2**

1. Describe in detail the SCADA protocol with respect to an IoT application. Draw neat diagram if needed.
2. What are various components of RFID? Explain with diagram the architecture and working.
3. Elaborate on IEEE802.15.4 protocol.
4. Write short note on - BACNeT protocol. Explain its significance.
5. Write short note on – 1. MODBUS protocol, draw neat diagram if needed.  
2. HART.
6. Explain the operation of ZIGBEE. Elaborate on the components.
7. Describe the MQTT protocol for data transmission in IoT. Explain the publish subscribe model for the same.
8. Explain in detail the need of security and privacy in IoT system, enlist six challenges for the same.
9. Write a short note on key elements of IoT security.
10. What is identity establishment in IoT.
11. Explain in detail the need of a security model of an IoT system.
12. Write a short note on CISCO's security model.
13. Describe the Microsoft's AZURE's security model for a secure IoT system.