

IOT INSEM IMPORTANT

- a) What is an embedded system? What are the characteristics of an embedded system
- b) Introduce any embedded processor in brief. Explain its architecture.
- c) Differentiate between General Computer and embedded devices.
- d) Draw and elaborate the general model of an embedded system, what are the different applications of an embedded system
- e) Define SOC. Illustrate SOC types and its examples
- f) Illustrate the different components of Microcontroller.
- g) Explain the concept of 'Things' in IoT with suitable examples
- h) What are the challenges in implementing IoT Applications?
- i) Enlist IoT deployment levels and explain IoT level 2 , 3 & 4 with suitable application.
- j) Illustrate the physical & Logical design of IoT with suitable example.
- k) Explain soft and hard real - time tasks with suitable examples