

Unit-V

1. With a neat block diagram, explain the basic building blocks of an IoT device.
2. Discuss the following w.r.t. an Exemplary Device: Raspberry Pi
 - a) Features
 - b) Operating systems
 - c) Interfaces
3. Write a note on Linux on Raspberry Pi.
4. Explain the various Raspberry Pi interfaces
5. Develop a python code for blinking a LED with a Raspberry Pi.
6. Develop a python code for controlling LED with a switch for Raspberry Pi.
7. Explain the various features of Raspberry Pi board.
8. Write a note on the following:
 - i. pcDuino
 - ii. BeagleBone Black
 - iii. Cubieboard