

## Mobile Application Development for IoT Question Bank

### Unit-3:

#### 2 Marks Questions:

1. List out the Hardware Requirements for the Project Bluetooth Weather Station
2. List out the Software Requirements (Arduino) for the Project Bluetooth Weather Station
3. Explain about pin configuration of dht11 sensor
4. Explain about pin configuration of photo cell
5. List out the Hardware Requirements for the Project Pulse Rate Sensor
6. List out the Software Requirements (Arduino) for the Project Pulse Rate Sensor
7. Explain about pin configuration of Pulse Rate Sensor

#### 5 Marks Questions:

1. Explain the hardware configuration of the project 'Bluetooth Weather Station' with a neat schematic diagram.
2. Write and explain complete Arduino sketch for 'Bluetooth Weather Station'
3. Write and explain the steps for implementation of user interface for the project 'Bluetooth Weather Station'
4. Write and explain the Android code for the project 'Bluetooth Weather Station'
5. Explain the steps needed to enhance the user interface for the project 'Bluetooth Weather Station'
6. Explain the hardware configuration of the project 'Pulse Rate Sensor' with a neat schematic diagram.
7. Write and explain complete Arduino sketch for 'Pulse Rate Sensor'
8. Write and explain the steps for implementation of user interface for the project 'Pulse Rate Sensor'
9. Write and explain the Android code for the project 'Pulse Rate Sensor'