ASSIGNMENT-2

Course Name: Internet of Things	Course Code: BCS701

Sl. No	Questions
	Module 2
1	Describe the need for IOT system management.
2	Discuss limitation of SNMP along with the components of entities involved in managing devices with SNMP.
3	Brief overview of the network operator requirements.
4	Explain the role of YANG in IOT.
5	Explain the role of NETCONF in IOT.
6	Illustrate IOT device management with NETCONF and steps for IOT device management with NETCONF – YANF.
	Module 3
7	Explain the steps involved in the IOT system design methodology with neat diagram.
8	Describe process specification for home automation in IOT system.
9	Elaborate Domain model specification for home automation.
10	Explain Information model specification with diagram and service specification with home automation.
11	Explain Functional view specification with neat diagram.

12	Explain Operation view specification with neat diagram.
13	Describe the working of different models of an IOT based weather monitoring system.
14	Discuss the characteristic of python.
15	Explain python data types and data structures with suitable example.
16	Explain if, for, while, range, break, continue, pass statements in python.
17	Explain functions in python with and without arguments with example.
18	Explain how specific function imported from a module.
19	Discuss skinage package listing in python.
20	Explain file handling, operations and classes in python.
21	Describe a use case of python dictionary.
22	Differentiate between python module and packages.
23	How is function overriding implemented in python?

Faculty Incharge   **Head of the Department**
Dr. Achyutha Prasad N   Dr. Achyutha Prasad N
Prof. Gangambika