UNIT - 1 PART - A

Q. No	Short Answer Questions	Level of Bloom Taxonomy	CO	Marks (2M)
1	Define Internet of Things?	L1	CO1	2M
2	List the Developmental tools of IoT.	L2	CO1	2M
3	What are the Components of IoT Architecture?	L2	CO2	2M
4	Write any 4 applications of IOT?	L3	CO3	2M
5	Define Actuators.	L2	CO1	2M
6	Discuss about IOT Communication Gateway.	L2	CO2	2M
7	Recall the advantages & disadvantages of IoT.	L2	CO1	2M
8	Explain Server-end Technology?	L2	CO1	2M
9	Define Sensor?	L2	CO1	2M
10	Why do we need IoT?	L1	CO1	2M

UNIT - 1 PART – B

Q. No		Descriptive Questions	Level of Bloom Taxonomy	CO	Marks (10 M)
1	A	Discuss the Characteristics of Internet of Things?	L2	CO1	5M
	B	Explain the History of IOT.	L2	CO1	5M
2	A	Explain about the architectural Model suggested by ORACLE for Internet of Things.	L4	CO2	10M
3	A	Explain about the architectural view of IoT.	L2	CO2	5M
	B	Define IoT. Summarize the various applications of IoT.	L3	CO3	5M
4	A	Explain the Technologies behind Internet of Things.	L3	CO1	7M
	B	Discuss about the Benefits of IoT.	L3	CO1	3M
5	A	Explain about the Development Tools of IoT?	L3	CO2	10M
6	A	Write the Major Components of IoT system and briefly discuss them?	L4	CO1	10M
7	A	Illustrate about API and device interfacing components.	L4	CO3	10 M
8	A	Explain about the architectural Model suggested by CISCO for Internet of Things.	L4	CO2	10 M

UNIT - 2 PART – A

Q. No	Short Answer Questions	Level of Bloom Taxonomy	CO	Marks (2M)
1	What does the Physical design of IoT constitute of?	L2	CO2	2M
2	List out the I/O interfaces used in IoT.	L2	CO2	2M
3	Write a short note on Logical Design of IoT.	L2	CO3	2M
4	Illustrate the different types of communication API's.	L2	CO3	2M
5	Differentiate between data and information in IoT.	L2	CO2	2M
6	Explain the applications for Big Data Analytics.	L3	CO2	2M
7	Explain about the different services provided by Cloud computing.	L3	CO2	2M
8	Tabulate any two differences between REST and WebSocket Communication API's.	L4	CO3	2M
9	List the constraints for the REST Communication API.	L3	CO2	2M
10	Summarize roles of RFID in IoT applications.	L3	CO2	2M

UNIT - 2 PART – B

Q. No		Descriptive Questions	Level of Bloom Taxonomy	CO	Marks (10 M)
1	A	Draw the block diagram of IOT Devices	L2	CO2	5M
	B	Explain in detail about the IOT devices?	L2	CO2	5M
2	A	Explain about the Logical design of IoT.	L3	CO3	10M
3	A	Discuss about the IoT Development Boards?	L3	CO3	5M
	B	List the Communication API's and explain about them in detail.	L3	CO3	5M
4	A	Illustrate the various IoT communication APIs?	L3	CO2	5M
	B	Explain in detail about the different functional blocks of IoT.	L2	CO2	5M
5	A	Illustrate about the different examples of IoT in detail.	L4	CO2	10M
6	A	Summarize the various IoT Enabled technologies.	L2	CO1	5M
	B	List out the Components in IoT Levels and Write short notes on them?	L4	CO3	5M
7	A	List the different levels of IoT and explain about those with the help of an example.	L4	CO3	10M
8	A	Explain about the different Communication models used for IoT.	L4	CO3	10M

UNIT - 3 PART – A

Q. No	Short Answer Questions	Level of Bloom Taxonomy	CO	Marks (2M)
1	List out various protocols used in the Application layer.	L2	CO2	2M
2	List out the various types of Communication Models.	L2	CO2	2M
3	Draw a neat diagram indicating the steps followed in the Exclusive Pair Communication Model.	L3	CO2	2M
4	Give the difference between M2M and IoT.	L2	CO3	2M
5	List the software development tools in M2M.	L2	CO2	2M

UNIT - 3 PART – B

Q. No	Descriptive Questions	Level of Bloom Taxonomy	CO	Marks (4 M)
1	Discuss in detail about the M2M communication.	L2	CO2	4M
2	List the protocols in Link layer of IoT.	L3	CO2	4M
3	Draw the diagram representing different protocols in different layers of IoT.	L3	CO2	4M
4	Explain the architecture of M2M communication.	L2	CO3	4M
5	Differentiate between the Request – Response Communication model and Exclusive pair Communication model.	L3	CO2	4M