



B.Tech VI Semester Regular Examinations, May 2025

INTERNET OF THINGS

(CSE)

Maximum Marks: 60

Date:25.06.2025

Duration: 3 hours

- Note:
- 1.This question paper contains two parts A and B.
 2. Part A is compulsory which carries 10 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X1M=10 Marks)		Marks	CO	Bloom Tx
1.a)	Write any Two characteristics of IoT.	1M	CO1	L1
b)	Explain the IoT in Health care.	1M	CO1	L2
c)	Define M2M.	1M	CO2	L1
d)	Define SDN.	1M	CO2	L1
e)	List any Three Data Structures used in Python.	1M	CO3	L1
f)	Define Functions.	1M	CO3	L1
g)	What are advantages of Raspberry Pi?	1M	CO4	L1
h)	What are advantages of Cloud?	1M	CO4	L1
i)	Define Environment.	1M	CO5	L1
j)	Define Air pollution monitoring.	1M	CO5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	Bloom Tx
2	a) Explain different characteristics of IoT.	5M	CO1	L2
	b) Write about different IoT applications in detail.	5M	CO1	L1
OR				
3	a) Explain different IoT levels in detail.	5M	CO1	L2
	b) Explain briefly about the IoT in Health and Lifestyle.	5M	CO1	L2
4	Distinguish between IoT and M2M.	10M	CO2	L4
OR				
5	Discuss about Network management protocol.	10M	CO2	L1
6	Write about different Control flow statements in python with suitable examples.	10M	CO3	L1
OR				
7	a) Discuss Data/Time operations.	5M	CO3	L1
	b) Discuss briefly about Exception.	5M	CO3	L1
8	Explain briefly about the Implementation of IoT with Raspberry Pi.	10M	CO4	L2
OR				
9	Explain WAMP protocol used for IoT.	10M	CO4	L2
10	Explain briefly about the IoT in Home Automation.	10M	CO5	L2
OR				
11	Explain briefly about Air pollution monitoring.	10M	CO5	L2