ANURAG Engineering College

(An Autonomous Institution)

II B.Tech I Semester Regular/Supplementary Examinations, December–2024 INTRODUCTION TO IOT (INFORMATION TECHNOLOGY)

(INFORMATION TECHNOLOGY)

Time: 3 Hours		Max. Marks: 60		
Section – A (Short Answer type questions) Answer All Questions		Course	B.T	Marks) Marks
	77 (f) v	Outcome	Level	
1.		CO1	L1	1M
2.		CO1	L2	1M
3.	r	CO2	L1	1M
4.	U 1	CO2	L1	1M
5.		CO3	L1	1M
6.	1 7 1	CO3	L2	1M
7.	· · · · · · · · · · · · · · · · · · ·	CO4	L1	1M
8.	1 7	CO4	L1	1M
9.	T	CO5	L1	1M
10.	Mention Industry IOT4.0 Standards.	CO5	L2	1M
	Section B (Essay Questions)			
Answer all questions, each question carries equal marks.		(5	X 10M	=50M)
11. A)	briefly.	CO1	L3	10M
D)	OR	G 0.1		407.5
B)	Discuss the role of communication protocols and embedded systems in IoT.	CO1	L3	10M
12. A)	architecture.	CO2	L3	10M
	OR			
В)	Explain the differences between Machines in M2M and Things in IOT.	CO2	L3	10M
13. A)	a) Describe various features of a Raspberry Pi device.	CO3	L3	5M
10.11)	b) List out various versions of raspberry pi devices till date. OR	CO3	L3	5M
B)		CO3	L3	5M
,	b) What are the advantages of using Python programming language for IOT applications?	CO3	L3	5M
14. A)	Describe how SDN can be used for various levels of IoT. OR	CO4	L3	10M
B)	Explain implementation of IoT with Rasoberry Pi.	CO4	L3	10M
15. A)	a) Explain a smart home automation system using IoT With mode REST service.	CO5	L3	10M
	OR			
B)	Explain how IoT technology can used in healthcare.	CO5	L3	10M