CBCS SCHEME

USN	STI	TUTE									a 3	21ME644	
1 AT	- P	Vic.								(3)			
Semester B.E. Degree Examination, June/July 2024													
internet of Things (101)													
Tin	ne: 3	hrs.							65		Max. N	Iarks: 100	
Note: Answer any FIVE full questions, choosing ONE full question from each module.													
	Module-1												
1	a.	Explain	in deta	ail abo	out I	nter	net of	Annual Control of the	<u>v-1</u>			(08 Marks)	
	b.										(02 Marks)		
	C.	Discuss about Calm and Ambient Te							ξy.			(10 Marks)	
OR 2 a. Describe in detail about web thinking for connected devices. (10 Marks)													
2	a.									evices.		(10 Marks)	
	b.	State and	d expla	ain ho	W A	ttoi	dances	are relate	ed to IOT.			(10 Marks)	
Module-2													
3	a.	Discuss	in deta	ail abo	out S	SOC	(Syste					(10 Marks)	
	b.												
2 The state of the													
								OR					
4		Write a					Ų.	*		4.9			
		(i) (ii)		luino.		n th	na Ardi	iino	64			(20 Maulza)	
(ii) Developing on the Arduino. (20 Marks)													
Module-3													
5	a.	Write a	note o	n Ras	pber	ray	Pi.	744				(05 Marks)	
	b.											(08 Marks)	
	C.	Develop and control a program between any two actuators connected to the development											
		board using Bluetooth. (07 Marks)											
							194	OR					
6	a.	Explain	in deta	ail abo	out c	othe	r notab		ns like mo	bile phone	and Tablets	(10 Marks)	
	b.												
		thing on	-					An		1		(10 Marks)	
					34	9		1	· ·				
_			. 1				1.1	Module		D. 170	TD 4 11		
7	a.								includes	DNS, stati	c IP address		
	b.	Dynami Explain										(16 Marks) (04 Marks)	
	U.	Explain	m act	an au	Jui	VIA	Audi	CSS.				(04 Marks)	
								OR					
8	a.	Discuss	in deta	ail abo	out (ГСР	and U	DP ports	with an ex	ample.		(10 Marks)	
	b.	State an	d expl	ain ab	out	app	lication	layer pro	tocols.			(10 Marks)	
				4					_			8	
0	-	Herry 4-	·····	NI-	, A D	T/A	12	Module		atoufo and O		(10.34)	
9	a.								amming Ir	nterrace)?		(10 Marks)	
	b.	Explain	m det	an du	out I	real	- 1 111110	Reactions	•			(10 Marks)	

OR

10 a. Explain the following:

(i) Mashing up APIs

(ii) Scraping.

(10 Marks)

b. Explain the following:

(i) MQ Telemetry Transport.

(ii) Constrained Application Protocol.

(10 Marks)

* * * * *