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	III B.Tech II Semester Regular Examinations, May 2023	
	Full Stack Development	
	(CSE & CSE-AIML)	
	Roll No	
Time:	3 hours Max.	Marks: 70
Note:	This question paper Consists of 5 Sections. Answer FIVE Questions, Choosing	ONE
Questi	on from each SECTION and each Question carries 14 marks.	

1	SECTION-I	[1 4] 4]
1	write script to Create HTML document with table and frames.	[14M]
	OR	
2	Explain about different type of CSS with an example program.	[14M]
2	SECTION-II	[7]) [1]
3	a) Describe the various ways objects are created in Java Script b) write script of college admission form using ious script	[/M] [7M]
	OR	[/101]
4	a)Write short note on HTML events with JavaScript	[7M]
-	b) Explain about control structures in Java Script	[7M]
	SECTION-III	
5	a) What is React JS and explain with example?	[8M]
	b) Write short note on commands to create and run a New React Project.	[6M]
	OR	F4 43 63
0	Explain in detail Single Page Applications React Forms with example.	[14M]
7	<u>SECTION-IV</u> Write short note on Spring Framework and what are the advantage of Springs	[1/IM]
1	Framework	[141/1]
	OR	
8	Describe in detail Steps to create spring application	[14M]
0	SECTION-V	[1 A] A]
У	write a program to insert a record using Spring JDBC	[14M]
10	Write a program to read records using Spring IDBC	[14M]

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution – UGC, Govt. of India)

Code No: **R20A0516**

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Code No: R20A0518 MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY (Autonomous Institution – UGC, Govt. of India)

III B.Tech II Semester Regular Examinations, May 2023

			N	lach	line	Lea	rnin	g								
		(CSE, Roll No	CSE	-CS	, CS	<u>)E-L</u>	<u>s a</u>	: CS	E-10							
Time Note: Quest	: 3 hours This questi	on paper Consist h SECTION and	s of 5 each	Sect Que:	tions	. An	swer ies 1	FIV 4 ma	E Q arks.	uesti	lons,	Cho	Ma osing	x. M a g ON	arks: 70 E	
				-	**	**	_									
1	Compare examples.	and contrast sup	pervis	<u>SI</u> ed a	ECT: nd u	<u>ION</u> Insup	<u>-I</u> ervi	sed	learn	ing?	Exj	plain	witl	n the	[14M]	
2	Explain al	oout Principle Co	mpon	ent A	O Analy	R ysis(PCA) wit	th ex	amp	le				[14M]	
3	Design a c	lecision tree with	CAI	<u>SE</u> RT a	CCTI Igori	thm R	• II with	an e	xam	ple.					[14M]	
4	Explain al	oout Naive Bayes	algo	rithm	n witl	h an	exan	nple.							[14M]	
5	a) Explair b) Discuss	n about the ANN(s about the Confu	Artifi	<u>SE</u> icial matri	CTI Neur	<u>ON-</u> al N OC o	III etwo curve	orks) es							[7M] [7M]	
6	Illustrate t	he Convolutiona	l Neu	ral N	etwo	R orks.									[14M]	
7	a) What b) Defin	is Overfitting, U e Cross Validatio	nderfi on - H	<u>SE</u> tting oldo	CTI exp ut M	<u>ON-</u> lain v ethoo R	<u>IV</u> with d, K-	an e Folc	xamj l exp	ple olain	with	an e	xamj	ple.	[7M] [7M]	
8	Explain al	oout Bagging Ens	sembl	e Me	ethod										[14M]	
9	Explain al	oout K-means an	d K-N	<u>SF</u> Aode	ECTI es wi O	[<mark>ON</mark> ∙ th ex R	• <u>V</u> amp	le in	deta	uil.					[14M]	
10	Discuss al	oout non-associat	ive le	arnir	ng, M	Iarko	ov de	cisio	on pr	oces	ses i	n RL			[14M]	

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Code 2	No: R204	A0517	FCI		гг		TNI	TTT	DIN	С	р. т	ЧГ <i>С</i>	111	NIO.		
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		Roll No														
Time: Note: Questio	3 hours This quest on from ea	tion paper Consist ch SECTION and	s of : each	5 Sec Que	ction estion **	s. An n car	nswe ries 1	r FF 14 m	VE Q arks.	Jues	l	Max s, Cł	- M	arks	»: 70 ONE	
				<u>SI</u>	ECT	ION	<u>-I</u>									
1	Describe	various challenge	s in c	listri	bute	d sys	stems	in d	letail						[14M]	
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2	What are	the different syste	em m	odel	s of	distr	ibute	d sy	stem	s?E	xpla	in?			[14M]	
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3	Explain S	skew between con	ipute	er cio		ma(D	iistri	bute	a sys	tem	!				[14]11]	
4	What is t	he need of election	n alg	orith	m? E	r Expla	in ri	ng b	ased	elec	tion	algo	orith	nm	[14M]	
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5	Evolain i	n datail about alia	nt co	<u>5E</u>		<u>UN-</u>	<u>III</u> lootic	2							[1/IN/]	
5		ii uctaii about ciic.	int se			R	Cati	11:							[14141]	
6	Explain F	PC with a neat ex	amn	le?	U	K									[14M]	
U	Explaint		ump	SE	СТІ	ON-	IV									
7	Explain F	File Service Archit	ectu	re in	distr	ribute	ed sy	stem	n?						[14M]	
	1				0	R	5									
8	Explain S	Sequential consiste	ency	in D	istrit	outed	l Sha	red I	Mem	ory?)				[14M]	
				SE	СТІ	ON-	·V									
9	Discuss t	he optimistic conc	urrei	ncy c	contr	ol?									[14M]	
					0	R										
10	Explain a	bout transaction r	ecov	ery i	n dis	tribu	ited s	yste	ms?						[14M]	

Code No: R20A6202 MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY (Autonomous Institution – UGC, Govt. of India) III B.Tech II Semester Regular Examinations, May 2023 Cyber Security

	(CSE,	CSE-A	AIML	, CSE	-DS	& C	SE-	IOI	.)	
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Time: 3 hours Max. Marks: 70 Note: This question paper Consists of 5 Sections. Answer FIVE Questions, Choosing ONE Question from each SECTION and each Question carries 14 marks.

*** SECTION-I

1	Write the various layers of cyber security with examples.	[14M]
	OR	
2	Explain the taxonomy of various attacks in cyber field.	[14M]
	SECTION-II	
3	Discuss the role of International Laws for cyber-crime.	[14M]
	OR	

4 Write the various approaches involved in the Forensics Analysis of Email. [14M]

SECTION-III

5 Explain the various trends in Mobility and the popular types of attacks in mobile [14M] networks.

OR

6 Discuss the Organisational security policies and measures in mobile computing [14M] Era.

SECTION-IV

7 Describe in details about the cost of cyber crimes and IPR issues. [14M]

OR

8 Differentiate Cybercrime and Cyber Terrorism. Explain any five cyber attacks [14M] which have more impacts on national and international level.

SECTION-V

9 Illustrate any two real time cybercrimes which happened in India. [14M]

OR

10 Explain in detail about the Data Linkage and Profiling process. [14M]

Code No: R20A0453 MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY (Autonomous Institution – UGC, Govt. of India) III B.Tech II Semester Regular Examinations, May 2023 Robotics & Automation

(CSE. I	Г.	CSE-CS.	CSE-AI&ML.	CSE-DS	&	CSE-IOT)
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Time: 3 hours

Max. Marks: 70

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Note: This question paper Consists of 5 Sections. Answer **FIVE** Questions, Choosing ONE Question from each SECTION and each Question carries 14 marks.

SECTION-I

1 Explain about four categories of Embedded System based on their functional and [14M] performance requirements.

OR

2 What are the three categories of Real-Time Embedded Systems? Explain physical [14M] constrains and various scheduling algorithms.

SECTION-II

3	What are the Classifications in Robots? Explain in detail.	[14M]
	OR	
4	Explain about Servo Motor Working Mechanism with its three components.	[14M]
	SECTION-III	
5	Explain about AVR Microcontroller architecture with block diagram	[14M]
	OR	
6	Draw the Pin diagram of AVR Micro Controller and explain in detail.	[14M]
	SECTION-IV	
7	Explain about ARM Core Dataflow Model with functional units.	[14M]
	OR	
8	How to implement pipeline concept in ARM? Explain in detail.	[14M]
	SECTION-V	
9	What is Robotic perception? Explain the active and interpersonal perception.	[14M]
	OR	
10	Explain the planning uncertain movements with example.	[14M]
