### PERI INSTITUTE OF TECHNOLOGY IQAC ACADEMIC CALENDER 2022-23 ODD SEMESTER

		JULY				AUGUST	
			Academic				Academic
Date	Day	Activity	Day	Date	Day	Activity	Day
1	Fri			1	Mon	IQAC Academic Verification	
2	Sat			2	Tue	Common Mentor Meeting -1	
3	Sun			3	Wed	SWA/ IE - Meeting -1	
4	Mon			4	Thu	Sports - Committee Meeting	
5	Tue			5	Fri	R&D Common Meeting -2	
6	Wed			6	Sat		
7	Thu	4		7	Sun		
8	Fri			8	Mon		
9	Sat	11,00		9	Tue	Holiday - Moharam	
		_ T				Reopening For III,V and VII th	
10	Sun	,		10	Wed	Sem	1
		4					
11	Mon	End Semester feed back week		11	Thu	Class Committee Week	2
						<b>EDC Meeting -2/CHS Meeting</b>	
12	Tue	Skill development Meeting -1		12	Fri	2	3
13	Wed			13	Sat	IIC Meeting - 2	4
14	Thu			14	Sun		
15	Fri			15	Mon	Holiday - Independence day	
16	Sat			16	Tue	IQAC Meeting	5
17	Sun			17	Wed	Zeroth Review report	6
18	Mon	CHS - Meeting 1		18	Thu	ECE Association inagural	7
19	Tue			19	Fri	Holiday - Gokulastami	8
20	Wed			20	Sat		9
21	Thu	IQAC Meeting -1		21	Sun		
				25			
22	Fri	R&D Common Meeting -1		22	Mon	Skill development Meeting -3	10
						Mechanical Association	
23	Sat			23	Tue	inagural	11
24	Sun			24	Wed	1	12
	8	Governing Council					
25	Mon	meeting/IQAC Audit week		25	Thu		13
						CSE Association Inagural/EDC	
26	Tue	Skill development Meeting -2		26	Fri	Meeting - 2	14
27	Wed	IIC Meeting - 1		27	Sat	R&D Common Meeting -3	15
28	Thu			28	Sun	14	
						Class Committee Week/CAT	
29	Fri	EDC Meeting -1		29	Mon	Coordinator meeting	16
30	Sat			30	Tue	EEE Association inagural	17
				31	Wed	Holiday - Vinayaar Sathurthi	- 1

		SEPTEMBER				OCTOBER	
			Academic				Academic
Date	Day	Activity	Day	Date	Day	Activity	Day
1	Thu	CHS - Meeting 3	18	1	Sat		42
2	Fri	Civil Association inagural	19	2	Sun		
		Teachers Day					
		Celebration/Mentor Meeting -					
3	Sat	2		3	Mon		
4	Sun		* 8	4	Tue	Holiday - Saraswathi pooja	
5	Mon		20	5	Wed	Hoiday - Vijaya Dhasami	
6	Tue	IIC Meeting - 3	21	6	Thu		43
7	Wed	First Review report	22	7	Fri		44
8	Thu	Skill development Meeting -4	23	8	Sat	Second Review report	45
9	Fri	ED© Meeting -3	24	9	Sun	1	
10	Sat	R&D Common Meeting -4	25	10	Mon		46
11	Sun			11	Tue		47
		Commencement of CAT 1					
12	Mon	Exam-2nd,3rd&4th year	26	12	Wed		48
13	Tue	J	27	13	Thu		49
14	Wed		28	14	Fri		50
15	Thu		29	15	Sat	R&D Common Meeting -6	51
16	Fri		30	16	Sun		
17	Sat	Mid- Sem feed back week		17	Mon	Class Committee Week	52
18	Sun			18	Tue	IIC Meeting - 5	53
19	Mon		31	19	Wed		54
20	Tue		32	20	Thu		55
21	Wed		33	21	Fri	ă,	56
22	Thu		34	22	Sat	<b>Mentor Meeting -3</b>	
23	Fri		35	23	Sun		
24	Sat	R&D Common Meeting -5	36	24	Mon	Holiday - Deepavali	
25	Sun	<i>2</i>		25	Tue	Holiday - Deepavali	
26	Mon	Class Committee Week	37	26	Wed		57
27	Tue		38	27	Thu		58
28	Wed		39	28	Fri	Caralle de Arie de la company	59
29	Thu		40	29	Sat		60
30	Fri	IIC Meeting - 4	41	30	Sun		
				31	Mon	gar and the boundary	61

		NOVEMBER				DECEMBER	
			Academic				Academic
Date	Day	Activity	Day	Date	Day	Activity	Day
1	Tue		62	1	Thu		
2	Wed		63	2	Fri	-	
3	Thu		64	3	Sat		
4	Fri		65	4	Sun		
5	Sat	<b>R&amp;D</b> Common Meeting -7	66	5	Mon		
6	Sun	72		6	Tue		1 8
		<b>Commencement of CAT 2</b>					
7	Mon	Exam-3rd&4th year	67	7	Wed	1	
						<b>Commencement of Coaching</b>	
8	Tue		68	8	Thu	and Model-Second year	
9	Wed		69	9	Fri	* -	
10	Thu	-1	70	10	Sat		
11	Fri		71	11	Sun		
12	Sat	4	72	12	Mon		
13	Sun			13	Tue		
14	Mon		73	14	Wed		
			200			Commencement of CAT 1	
15	Tue		74	15	Thu	Exam-First year	
16	Wed		75	16	Fri	,	
17	Thu		76	17	Sat		
18	Fri	CAT Coordinator Meeting	77	18	Sun		
19	Sat			19	Mon		
20	Sun			20	Tue		
		<b>Commencement of CAT 2</b>			AT 25 - 17		
21	Mon	Exam-First year	78	21	Wed		
22	Tue		79	22	Thu		
23	Wed		80	23	Fri		
24	Thu			24	Sat		
25	Fri			25	Sun		
26	Sat			26	Mon		
27	Sun			27	Tue	Third Review report	
		Commencement of Model				Commencement of Coaching	
28	Mon	Exam -3rd&4th year		28	Wed	and Model-First year	
29	Tue			29	Thu		
30	Wed			30	Fri		
		h		31	sat		

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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PRINCIPAL PEDI INSTITUTE OF TECHNOLOGY

Lickum, Chennai - 600 048.

### PERI INSTITUTE OF TECHNOLOGY

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Calendar for Odd Semester (2022-2023) (II YEAR)

	JULY				AUGUST						
			Academic				Academic				
Date	Day	Activity	Day	Date	Day	Activity	Day				
						IQAC Academic					
1	Fri			1	Mon	Verification					
						UP skilling Meeting-					
						1/Common Mentor					
2	Sat			2	Tue	Meeting-1					
3	Sun			3	Wed						
4	Mon			4	Thu						
						FSD Meeting-1/R&D	411011111111111111111111111111111111111				
5	Tue			5	Fri	Common Meeting -2					
6	Wed			6	Sat						
7	Thu			7	Sun						
8	Fri	· e		8	Mon						
9	Sat			9	Tue	Holiday - Moharam					
						Reopening For III,V and					
10	Sun	12		10	Wed	VII th Sem	1				
		End Semester feed back				Zeroth Review-IV yr/Lab					
11	Mon	week		11	Thu	Meeting-1	2				
		Skill development Meeting -									
12	Tue	1		12	Fri	Zeroth Review-III yr	3				
13	Wed			13	Sat	Zeroth Review-II yr	4				
14	Thu			14	Sun						
						Holiday - Independence					
15	Fri			15	Mon	day					
16	Sat			16	Tue	SSD Meeting	5				
17	Sun			17	Wed	Zeroth Review report	6				
18	Mon			18	Thu	MOU Sign-Aristro Infra	7				
19	Tue			19	Fri	Holiday - Gokulastami	8				
20	Wed			20	Sat	, , , , , , , , , , , , , , , , , , , ,	9				
21	Thu	IQAC Meeting -1		21	Sun						
		8									
22	Fri	R&D Common Meeting -1		22	Mon	Dept R & D Meeting	10				
		NPTEL Course									
		Registration Report									
23	Sat	submission		23	Tue	VAC Meeting-1	11				
						CBS Meeting-1/MOU sign					
24	Sun			24	Wed	Jokar Creations	12				
					11.00	John Creations					
		Governing Council									
25	Mon	meeting/IQAC Audit week		25	Thu	SSD Report submission	13				
		g - C				~~~ Attport Submission	10				
26	Tue			26	Fri	CSE Association Inagural	14				
27	Wed			27	Sat	NPTEL Course Review-I	15				
28	Thu			28	Sun		13				
20	~ 44.44			<i>20</i> U	Sun	Class Committee					
						Week/CAT Coordinator					
29	Fri			29	Mon	meeting	16				
-/				<i>M )</i>	111011	First Review-IV	10				
						yr/Upskilling Review					
30	Sat	Dept R & D Meeting		30	Tue	Meeting -2	17				
20	ાતા	Dept it & D intetting		50	1 40	Holiday - Vinayagar	1 /				
				31	Wed	Sathurthi					
				J1	vveu	Satuuttii					

		SEPTEMBER				OCTOBER	
	<b>特别赞剧</b>		Academic		PARTY.		Academic
Date	Day	Activity	Day	Date	Day	Activity	Day
		First Review-III yr/Dept R					
1	Thu	& D Meeting	18	1	Sat	CAT Coordinator Meeting	42
		Guest Lecture-Networking					
		First Review-II yr/FSD	V 100				
2	Fri	Meeting-2	19	2	Sun		
		Teachers Day					
		Celebration/Mentor		200			
3	Sat	Meeting - 2		3	Mon	Quiz Competion -II Yr	
				4	Tr	Haliday Canagyathi nagia	
4	Sun Mon		20	5	Tue Wed	Holiday - Saraswathi pooja Hoiday - Vijaya Dhasami	
5	Tue		21	6	Thu	Lab Meeting-3	43
0	Tue		21	0	11111	Guest Lecture-GIS/FSD	43
7	Wed		22	7	Fri	Meeting-3	44
8	Thu		23	8	Sat	Second Review report	45
9	Fri		24	9	Sun	Second Review report	45
10	Sat		25	10	Mon		46
11	Sun		Ed S	11	Tue		47
- 11	Sun	Commencement of CAT 1			Tuc		
12	Mon	Exam	26	12	Wed		48
13	Tue	Alumni Connect-1	27	13	Thu		49
		NPTEL Course Review-					
14	Wed	II/VAC Meeting-2	28	14	Fri		50
15	Thu	3	29	15	Sat		51
16	Fri	IoT workshop	30	16	Sun		
17	Sat	IoT workshop		17	Mon		52
						Python workshop/	
						Upskilling Review Meeting-	
18	Sun			18	Tue	4	53
						Third Review-III yr/Lab	
19	Mon	Innovation Day-II,III Yr	31	19	Wed	Meeting-3	54
		CBS Meeting-2/Industrial				Third Review-II yr/	
20	Tue	Visit-II Year-BSNL	32	20	Thu	Dept R & D Meeting	55
		Guest Lecture-Cloud				Third Review-IV yr /Guest	
21	Wed	Computing	33	21	Fri	Lecture	56
		SSD Meeting/ Mid- Sem				CBS Meeting-3/Dept R &	
		feed back week/Lab				D Meeting	
22	Thu	Meeting-2	34	22	Sat		
23	Fri	Dept R & D Meeting	35	23	Sun		
		Industrial Visit-III yr-					
24	Sat	Doordharshan	36	24	Mon	Holiday - Deepavali	
25	Sun			25	Tue	Holiday - Deepavali	
		Class Committee Week/			***	0 11 1/000 15	
26	Mon	Second Review-IV yr	37	26	Wed	Coaching 1 /SSD Meeting	57
		Second Review-III yr/ Up					
27	Tue	Skilling Review Meeting-3	38	27	Thu		58
28	Wed	Second Review-II yr	39	28	Fri		59
		Industrial Visit-IV yr-					
		Kalpakkam Atomic					
		Research Centre					
		/Internship Review	40000	5000000	province		
29	Thu	Meeting-2	40	29	Sat		60
30	Fri	Coding Contest	41	30	Sun		
				31	Mon		61

		NOVEMBER				DECEMBER	
A PRINCIPAL OF	This tries	<b>建筑是全国的企业的基础的</b>	Academic		HARRING THE	THE REPORT OF THE PARTY THE	Academic
Date	Day	Activity	Day	Date	Day	Activity	Day
1	Tue		62	1	Thu		
2	Wed		63	2	Fri		
3	Thu		64	3	Sat		
4	Fri		65	4	Sun		
					Sun	Class Committee	
5	Sat		66	5	Mon	Week/Alumni Connect -2	
6	Sun			6	Tue	Treestrianini Connect 2	
7	Mon		67	7	Wed	Coaching 1	
8	Tue	75	68	8	Thu	Coaching 1 + Model Exam	
						Coaching 2/NPTEL Course	
9	Wed		69	9	Fri	Review-III	
10	Thu		70	10	Sat	120/10/1/11	
						Coaching 2/VAC Meeting-	1
11	Fri		71	11	Sun	3	
					Jun		
12	Sat		72	12	Mon	Coaching 2 + Model Exam	
13	Sun			13	Tue	Coaching 3	
					140	Coaching 5	
14	Mon		73	14	Wed	Coaching 3 + Model Exam	
		VAC Report					
		submission/Upskilling					
15	Tue	Report Submission	74	15	Thu	Coaching 4	
16	Wed	SSD Report Submission	75	16	Fri	Coaching 4	
17	Thu	FSD Report Submission	76	17	Sat		
18	Fri		77	18	Sun	Coaching 4 + Model Exam	
19	Sat			19	Mon	Coaching 5	
20	Sun			20	Tue	Coaching 5	
21	N/I		M.C.	2.			
21	Mon Tue		78	21	Wed	Coaching 5 + Model Exam	
22	rue		79	22	Thu	Coaching 6	
23	Wed		80	23	Fri	Coaching 6 + Model Exam	
24	Thu			24	Sat	Third Review report	
25	Fri			25	Sun		
26	Sat			26	Mon		
27	Sun						
		Commencement of CAT 2					
28	Mon	Exam					
29	Tue						
30	Wed						

Si.No	Abbrevi ations*	Expansions	Name of Head Coordinator/s			
1	IQAC	Internal Quality Assurance Cell	Mr.B.Magesh/Dr.Charulatha			
2	CHS	Centre for Higher studies	Ms.K.Lakshmi Priya			
3	R&D	Research & Development Cell	Cell Dr.Chidambaram/ Dr.Ramkumar			
4	EDC	Entrepreneurship development cell	Mr. Tamilamuthan			
5	KMC	Knowledge Management Centre	Mr.Dharma Prakash			
6	IIC	Industry Interaction cell	Mr.Prabakar			
7	CAT	Continous Assesment Test				
8	VECBS	Value added, Elective,Content beyond				

SWA

SSD

FSD

10

11

Student welfare Association

Students Skill Devleopment

Faculty Skill Development Meeting

Co-ordinator

Internal Quality Assurance Cell PERI Institute of Technology Mannivakkam Chennai-600 048.

Dr. R. PALSON KENNEDY, M.E., Ph. PRINCIPAL
PERI INSTITUTE OF TECHNOLOF Mannivakkam, Chennai - 600 0.



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CAT I: SEPTEMBER- 2022

### Circular.

Dear All,

07.09.2022

Greetings from CSE department. CAT I starts from 12<sup>th</sup> September, 2022 (Monday) onwards. Kindly send the Question paper to this mail id: <a href="mailto:catexamcse@gmail.com">catexamcse@gmail.com</a>

Timing: 8.45AM TO 11.45AM

QP Pattern for II, III and IV year

Portion: 1st and 2nd Units

Max. Marks: 100 Duration: 3 hrs

Part A: 10 Questions (2 marks)

Part B: 5 Questions (13 marks) with choice Part C: 1 Question (15 mark) with choice

Encl: 1. Question paper Template

2. Time table

Regards

CAT Cell/ CSE

Co-ordinator

HOD of Computer Science and Engineering ilc PERI Institute of Technology Mannivakkam, Chennai-600 048.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING CAT – I Time Table – September 2022

1.000000000	Action of the Control	CF	MI – I Time Table – Se	ptember 2022	。 一次。 加計2年的機能等數學所以 1650年 1	AND SALES TO SALES
Date	II YEAR CSE A	II YEAR CSE B	III YEAR CSE A	III YEAR CSE B	IV YEAR CSE A	IV YEAR CSE B
12.09.2022 (Monday)	MA3354 – Discrete Mathematics	CS3301 – Data Structures	OCE552– Geographic Information System	CS8592 – Object Oriented Analysis and Design	CS8079 – Human computer Interaction	OBM752 – Hospital Management
13.09.2022 (Tuesday)	CS3301 – Data Structures	CS3391 – Object Oriented Programming	CS8592 – Object Oriented Analysis and Design	EC8691 – Microprocessors and Microcontrollers	OBM752 – Hospital Management	CS8792 – Cryptography and Network Security
14.09.2022 (Wednesday)	CS3352 – Foundations of Data Science	MA3354 – Discrete Mathematics	EC8691 – Microprocessors and Microcontrollers	CS8501 – Theory of Computation	CS8792 – Cryptography and Network Security	MG8591 Principles of Management
15.09.2022 (Thursday)	CS3351– Digital Principles and Computer Organization	CS3352 – Foundations of Data Science	CS8501 – Theory of Computation	CS8591 – Computer Networks	MG8591- Principles of Management	CS8791 Cloud Computing
16.09.2022 (Friday)	CS3391 – Object Oriented Programming	CS3351– Digital Principles and Computer Organization	MA8551 – Algebra and Number Theory	OCE552– Geographic Information System	CS8791 Cloud Computing	CS8079 – Human computer Interaction
17.09.2022 (Saturday)		-	CS8591 – Computer Networks	MA8551 – Algebra and Number Theory		-

## PERI INSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CAT 1 ATTENDANCE SHEET

ODD SEMESTER 2022-2023

CLASS: II CSE A

	210	NAME	13.09.22	14.09.42	15/09/22	16.09.22	17.09.22
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6	411521104006	- D	Archine	Archaran	ArchanaB	^	Aichinan
7	411521104007	A secondaria A	Atasia	Arouje			Alouia
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9	411521104009			1		A	A
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11	411521104011	Bhuvanesh G	a	-	- PA	Ab	Ato
12	411521104012	Chandrakala V	Characol	charling	Chonoro	a Changes	4 Chardester
13	411521104013	Chandru B S	Chudr			Cherry	Chees
14	411521104014	Damodaren V	AB	Pa. V	Don. V	par.	Dan V
15	411521104015	Dayana M	Doyoma	MOG ON M	Dayon.	n Doyonan	Dayonan
16	411521104016	Deepak J	manah.	Bergh	Warch	/	Deunk
17	411521104017	Deepak Kumar K	Deeper		Dural	Deepah	Danis
18	411521104018	Deepan M	MORDONA	Derking	Depperm	DOPPLIA	Deparm
19	411521104019	Deepan					
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20	411521104020	Devakumari S	De Sur	Ohen	Dhe	Enkr	Duken
21	411521104021	Devatharshini B	DN.	D.V.	Du	buy	kn
22	411521104022			gush	Dunal	Dhone /	Durch
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24		Dharani T	Charman!	Dharon	Thoran	"Shorton"	ARI
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26	411521104027	Dinesh Chaudhary D		( )		chi	chil
28		Dinesh Kumar L	AB	Direkul	Day Kul	Direbut	Dhy kuch
29		Dinesh Kumar M	LIR	0		0-	Dan
30		Dinesh Kumar S	OV	301	OB	de	De
31		Divya S	Shi	Orr	Mirya	DIVERE	n: Vota
32		Elakiya K	DIVERSA	20.0		Di Sil	U- 1
33		Elakya R	Elak Per	n '	<u>Elakyak</u> Glokka	Diak la	E10440
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40	411521104101	Shruthi R	Hunter.	(1)			
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41	411521104104	Siva M	SPVa.M	J. Den	SIDEM	SibeM.	sise n
42	411521104105	Siva S		SIVA IM	SPVa M	75.00 W	4.002
43	411521104106	Sivakumar E.S	Snef c	2/12/28	Lines	Bruge	Sine . Sp
44	411521104107	Siva Vishnu R	Walkin	(Kualy)	J. vally	Srahn	Strah
45	411521104108	Sneha P S		Sivarishy.	Sivav3k	Should	Stray Vishus
46	411521104109	Stalin M	Station	Stalin	Stha		Shoha
47	411521104110	Stephen I		0	Stalta	Stalpa	Stalpn.
48	411521104111	Suchit R.	Stephen	Suppor	Stephen	S. J. J.	AB
49	411521104112	Sudharsan B	Zulp 1t	//	Sung	Sulft	Sueh 6
50	411521104113	Sunilkumar K A	Sanilli.	Sulfa Sunikim	Sunika	1) all	and .
51	411521104114	Suriya M	Suni / Kum			Sunilka	Sumiku
52	411521104115	Sushthi R		Susida	Swingy	2249	Swip
53	411521104116	Tharun M	Thaoun	Mou	horn	Thoras	Thoru
54	411521104117	Theja Sri H.	Thous	7	M	11/2/00	Michael
55	411521104118	Veena P.G	Jeens.	Veenu	Venn	Voerca	Yours
56	411521104119	R.	Tank	Venus	Jenn	Tours of	1
57	411521104120	Vinodha V	Vilrell	Virop	Ling	Linds	Virga.
58	411521104121	Vinothini V.	Vindlen	1 9		nVinothi	
59	411521104122	Yogavarshini R	Y. C	102	Y	- 200	You
60	411521104123	Yuhan S	Vista	Vish	Garh	The	- Buch
61	LE 1	Sakthivel		1		- 32	A.D

CAT COORINATOR

HOD of Serroy or Science and Engineering ilc PERI Institute of Technology Mannivakkam, Chennai-600 048.

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Reg.No						

#### PERI INSTITUTE OF TECHNOLOGY

### DEPARTMENT OF COMPUTER SCIENCE AND

#### **ENGINEERING**

### CAT EXAM I-SEPTEMBER 2022

### SET A

### CS3352-FOUNDATIONS OF DATA SCIENCE

Year/Sem/Sec	:	II/IV/A	Date	:	14/09/2022
Department	:	CSE	Duration	:	3 hours
Faculty	:	R.S.ABBIRAMI	Max. Marks	:	100

#### PART A

### $(10 \times 2 = 20)$

1.	Define Data Science and need for data science.	U	CO 1
2.	Evaluate the various characteristics of Big data and explain its benefits.	R	CO 1
3.	Explain the discrete and continuous variables.	R	CO 1
4.	List the applications of data science and big data.	An	CO 1
5.	Define Data warehouse and give the key characteristics of data warehouse.	U,R	CO 1
6.	Define outliers and give some example.	U,An	CO2
7.	How to measure the percentile ranks of a score?	U	CO2
8.	Give some diagrammatic representation of misleading graphs.	С	CO2
9.	If distribution is skewed which distribution can be used?	An,E	CO2
10.	Find the mean for the following retirement ages: 60, 63, 45, 63, 65,70, 55, 63, 60, 65, 63.	An	CO2

#### PART B (5x13=65)

	A)Explain the various forms in which the data could be represented.	U	CO 1
11	B) Explain Data warehouse architecture and describe types and components of the various data warehouse.	U,R	CO 1
12	A)Explain the various graphical representations, data modeling, presentation and automation data science process in detail with diagrammatic representation.	An	CO 1
	B) Explain the data mining process and explain in detail about the techniques and applications used in data mining.	R	CO 1
13	A) Explain the setting the research goal, retrieving data, and data preparations data science process in detail with diagrammatic representation.	An	CO 1
	<ul><li>B) Explain in detail about the various types of data with the level of measurements.</li><li>Define the types of data for the following.</li></ul>	E	CO2
	(a) height (b) religious affiliation (c) score for psychopathic tendency (d) years of education (e) military rank (f) vocational goal (g) GPA (h) marital status		
14	A) Movie ratings reflect ordinal measurement because they can be ordered from most to least restrictive: NC-17, R, PG-13, PG, and G. The ratings of some films shown recently in San Francisco are as follows:	E,An	CO2

	PG G R NC-17	PG PG-13 PG NC-17	PG R R PG	PG-13 PG PG PG	G PG R PG-13		
	frequencies, ex frequency dist	xpressed as per	centages. (	b) Convert to re c) Construct a c roximate percen	umulative		
	<ol> <li>Explain the free in detail and e distributions.</li> </ol>			qualitative an		R	CO2
15	A) During their fir the following n 28, 7, 5, 8, 5, 6.	umber of error	s (blind all				= ,
	(a) Find the mo	de, median, an	d mean for	these data.		C	CO2
	(b) Without cor characterize the or negatively sk	shape of this			oh, would you ositively skewed,		
	B) Explain in det exmples.	ail about the s	steps of m	easures of vari	ability with	U	CO2

PART C (1 x15=15)

	owing frequence oup of college g	cy distribution shows th graduates.	e annual incor	mes in dollars	An	CO1
	120,000- 110,000- 100,000- 90,000- 80,000- 70,000- 50,000- 40,000- 20,000- 20,000-	139,999 -129,999 -119,999 -109,999 -99,999 -79,999 -69,999 -49,999 -39,999 -29,999 -19,999 -9,999	d	1 0 1 3 1 5 7 10 14 23 17 10 8 3		
					3	
distribut	ion balanced o				A	000
distribut B)A weath two difference weather for	ion balanced of her reporter is ent cities. A lo recast. The rep		mperature for would show ek of high ten	recasted for a reliable apperatures (i	An	CO2
B)A weath two differences weather for	ion balanced of her reporter is ent cities. A lo recast. The rep in two diffe	r lopsided? analyzing the high ten ow standard deviation porter compares a wee	mperature for would show ek of high ten	recasted for a reliable apperatures (i	W T	CO2
distribut B)A weath two differe weather fo	ion balanced of her reporter is ent cities. A lo recast. The rep in two diffe	r lopsided? analyzing the high ten ow standard deviation corter compares a wee rent seasons. The data	mperature for would show ek of high ten	recasted for a reliable apperatures (i	W T	CO2
distribut B)A weath two difference weather for Fahrenheit	ion balanced of her reporter is ent cities. A lorecast. The reporter is in two diffe	r lopsided? analyzing the high ten by standard deviation corter compares a wee rent seasons. The data cast City B Forecast	mperature for would show ek of high ten	recasted for a reliable apperatures (i	W T	CO2
distribut B)A weath two differe weather fo Fahrenheit Monday	ion balanced of her reporter is ent cities. A lorecast. The reporter in two different City A Fore 95	r lopsided? analyzing the high ten ow standard deviation corter compares a wee rent seasons. The data cast City B Forecast 90	mperature for would show ek of high ten	recasted for a reliable apperatures (i	W T	CO2
distribut B)A weath two differe weather fo Fahrenheit  Monday Tuesday	ion balanced of her reporter is ent cities. A lorecast. The reporter in two different City A Fore 95	r lopsided? analyzing the high ter ow standard deviation corter compares a wee rent seasons. The data  cast City B Forecast 90 81	mperature for would show ek of high ten	recasted for a reliable apperatures (i	W T	CO2
distribut B)A weath two differe weather fo Fahrenheit  Monday Tuesday Wednesda	ion balanced of her reporter is ent cities. A larecast. The reporter in two differences of the city of	r lopsided? analyzing the high ten ow standard deviation corter compares a wee rent seasons. The data cast City B Forecast 90 81 95	mperature for would show ek of high ten	recasted for a reliable inperatures (i	W T	CO2
distribut B)A weath two differe weather fo Fahrenheit  Monday Tuesday Wednesda Thursday	ion balanced of her reporter is ent cities. A lorecast. The reporter of in two differences of the city	r lopsided? analyzing the high ter ow standard deviation corter compares a wee rent seasons. The data  cast City B Forecast 90 81 95 91	mperature for would show ek of high ten	recasted for a reliable inperatures (i	W T	CO2

CAT COORDINATOR

CHOD/CSE

## PERI INSTITUE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE CAT I RESULT ANALYSIS (2022-2023 ODD SEMESTER)

	Class: II - A		****	DPCO	FDS	OOPS	DS	No. of Sub	No. of Sub
S.NO	REG. NO.	NAME	<b>DM</b> 67	52	66	88	55	0	0
1	411521104001	Abdul Majith A	50	33	71	61	56	0	1
2	411521104002	Abishekraj K B	53	58	57	55	68	0	0
3	411521104003	Abinash S	58	50	58	47	69	0	1
4	411521104004	Adnan Mohammed S	56	65	50	71	59	0	0
5	411521104005	Akash Jebaraj I		51	49	77	50	0	1
6	411521104006	Annamalai M	62	65	69	72	81	0	0
7	411521104007	Archana B	50 50	41	51	49	60	0	2
8	411521104008	Arokia Anushya A	58	71	62	49	50	0	1
9	411521104009	Arul Pandian P	53	58	57	55	68	0	0
10	411521104010	Ashwin V		70	61	54	77	0	0
11	411521104011	Bargavi A V	63	57	50	50	57	0	0
12	411521104012	Bhuvanesh G	58		50	62	66	0	0
13	411521104013	Chandrakala V	50	51	40	55	62	1	2
14	411521104015	Damodaren V	AB	57		58	72	0	0
15	411521104016	Dayana M	56	52	66		52	0	1
16	411521104017	Deepak J	59	37	64	50	$\frac{52}{69}$	0	0
17	411521104018	Deepak Kumar K	74	56	65	57	75	0	0
18	411521104020	Deepan Chakkaravarthi	80	82	61	72	69	0	0
19	411521104021	Devakumari S	58	69	51	53		0	1
20	411521104022	Devatharshini B	50	45	73	74	50	0	1
21	411521104023	Dhanush V	81	69	60	73	41		1
22	411521104025	Dharani T	81	71	50	57	AB 4	0	0
23	411521104026	Dinesh V	82	84	70	78	57		0
24	411521104027	Dinesh Chaudhary D	) 66	80	56	58	51	0	1
25	411521104028	Dinesh Kumar L 🏅 🕌	AB	. , 55	62	61	54	1	0
26	411521104029	Dinesh Kumar M	81	69	60	73	63	0	0
27	411521104030	Dinesh Kumar S	81	71	50	57	65		1
28	411521104031	Divya S Book and a second	V 149 51	84	66	78	72	0	0
29	411521104032	Elakiya K	61	51	57	67	69	0	1
30	411521104033	Elakya R	49	61	65	57	69	0	0
31	411521104035	Gayathri B	80	82	61	72	75	0	
32	411521104036	Gokul D	71	69	51	53	69	0	0
33	411521104037	Gokul R	73	66	50	57	71	0	0
34	411521104038	Gowsalya D	54	44	62	. 47	50	0	2
35	411521104039	Guberan T	68	80	66	62	74	0	0
36	411521104040	Hari Krishnan U	AB	51	50	65	50	1	1
37	411521104041	Harini M	66	58	52	88	71	0	0
38	411521104042	Harish S	52	69	50	57	59	0	0
39		Ishasri P	50	41	51	33	61	0	2
40	411521104045	Jagan M	58	71	62	49	51	0	1
41		Jana R	53	58	57	55	73	0	0
42	411521104047	Jeffrin Nelson J	50	41	61	63	60	0	1
43		Jitto M	58	57	50	50	50	0	0
44	411521104050	Jogan Roy K	50	51	50	62	70	0	0
45	411521104051	Karthi S	67	57	50	55	AB	1	1
46	411521104052	Karthika E	81	71	55	65	66	0	0
47	411521104053	Karthikeyan N	AB	AB	AB	73	AB	4	4
48	411521104054	Kavitha S	93	78	68	68	72	0	0

40	411531104055	Kavitha V	67	70	56	39	72	0	1
49	411521104055								-
50	411521104056	Keerthika M	50	41	51	78	60	0	1
51	411521104057	Keerthivasan S	58	71	62	49	50	0	1
. 52	411521104058	Kowsalya B	53	58	57	55	68	0	0
53	411521104059	Lakshmi Priya M	63	70	61	50	77	0	0
54	411521104060	Lavanya B	58	57	50	50	57	0	0
55	LATERAL	Arun	50	51	50	62	66	0	. 0
56	LATERAL	Christoper Danier	67	57	40	55	62	0	1 1
57	LATERAL	Harish p	56	52	66	58	72	0	0
58	LATERAL	Pradeep Raj	74	70	65	57	69	0	0
59	LATERAL	Dhivakar M	80	82	61	72	75	0	0
60	LATERAL	Mohamed sirajuddin	71	69	51	53	69	0	0
61	LATERAL	Gokulakrishnan	88	80	73	83	50	0	0
62	LATERAL	Anitha M	61	51	57	73	41	0	1
63	LATERAL	Baskar C	49	61	65	57	AB	1	2
64	LATERAL	Kumaresan R	80	82	61	78	57	0	0
65	LATERAL	Muthukumaraswamy S	71	69	51	60	50	0	0
66	LATERAL	Naveen Kumar Y C	73	66	50	61	AB	- 1	-1
67	LATERAL	Praveen V	AB ·	50	AB	60	77	2	2
	Droi	omt.	62	"	CE	(7	(2		

Present	62	66	65	67	62
Absent	5	1	2	0	5
Passed	59	58	62	59	60
Failed	3	8	3	8	2
Pass Percentage(with Total Strength)	88.1	86.6	92.5	88.1	89.6
Pass Percentage (with Absentees Count)	95.2	87.9	95.4	88.1	96.8
No. Of Students Passed in all the Subjects			39		
Overall Pass %			58.2	1	

HOD/CSE
HOD of Computer Science and Engineering !'
PERL astitute rechnology
Mannivakka..., Chennal-600 U48.



### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CAT I Retest: SEPTEMBER- 2022

### <u>Circular</u>

Dear All,

17.09.2022

Greetings from CSE department. CAT I Retest starts from 19<sup>TH</sup> September, 2022 (Monday) onwards. Kindly send the Question paper to this mail id: catexamcse@gmail.com

Timing: 3:45 PM TO 5:15 PM

QP Pattern for II, III and IV year

Portion: 1st and 2nd Units

Max. Marks: 50

Duration: 1hr 30 mins

Part A: 5 Questions (2 marks)

Part B: 4 Questions (10 marks) with choice

Encl: 1.Question paper Template

2. Time table

Regards

CAT Cell/ CSE



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CAT II: NOVEMBER – 2022

### <u>Circular</u>

Dear All,

25.11.2022

Greetings from CSE department. CAT-II for II year students starts from 28<sup>th</sup> November, 2022 (Monday) onwards. Kindly send the Question paper to this mail id: <a href="mailto:catexamcse@gmail.com">catexamcse@gmail.com</a>

QP Pattern for II year

Portion: 3<sup>rd</sup> and 4<sup>th</sup> Units

Max. Marks: 100 Duration: 3 hrs

Part A: 10 Questions (2 marks)

Part B: 5 Questions (13 marks) with choice Part C: 1 Question (15 mark) with choice

Encl: 1.Question paper Template

2. Time table

Regards

CAT Cell/ CSE

CAT CO-ORDINATOR

Mobile



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Time Table – NOVEMBER 2022

	CAT-II EXAM					
Date	II YEAR CSE A	II YEAR CSE B				
28.11.22 (Monday)	MA3354 – Discrete Mathematics	CS3391 – Object Oriented Programming				
29.11.22 (Tuesday)	CS3301 – Data Structures	MA3354 – Discrete Mathematics				
30.11.22 (Wednesday)	CS3352 – Foundations of Data Science	CS3351- Digital Principles and Computer Organization				
1.12.22 (Thursday)	CS3351– Digital Principles and Computer Organization	CS3352 – Foundations of Data Science				
2.12.22 (Friday)	CS3391 – Object Oriented Programming	CS3301 – Data Structures				

CAT EXAM TO ORDINATOR

Horizon

TCP-PRINCIPAL "

PRINCIPAL

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II / III

Year/Sem



### DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

**SET II** 

28.11.2022

Date

**CAT 2 EXAM : NOV 2022** 

### MA3354 DISCRETE MATHEMATICS

Department		CSE B	Duration	180	minut	es
Faculty		Ms. MAYURI S	Max. Marks	100		
PART A	7				(10X2	=20)
		following statement in symbolic form: If Avinash is not in a then he will go to New Delhi	good mood or h	ne is	U	CO1
2.	Write the 1	ruth table for $(p \land q) \rightarrow (p \lor q)$ .			R	CO1
		umber of bit strings of length 10 that either begin with 1 or	end with 0.		R	CO2
		my different ways can five men and five women sit around			U	CO2
		cample of a graph which is Eulerian but not Hamiltonian.			U	CO3
٠. ا		adjacency matrix and incidence matrix of $K_{2,2}$ .			R	CO3
		the identity element of a group is unique.			U	CO4
		cample of an integral domain which is not a field.			R	CO4
9.	Draw the	Hasse diagram of $(D_{20}, /)$ , where $D_{20}$ denotes the set of			U	CO5
10	In any latt	ice $(L, \leq)$ , $\forall a, b \in L$ , show that $a * (a \oplus b) = a$ , where $a = lub(a, b)$ .	*b = glb(a,b)	)	U	CO5
PARTI					(5X16	5=80)
	(i) Obtair	the principle disjunctive and conjunctive normal forms of	the formula		U	
11 a)	$(\sim n \rightarrow r)$	$(a \leftrightarrow p)$ .		[8]		CO1
	(ii) Show	that $I \wedge S$ logically follows from $P \to Q$ , $Q \to \sim R$ , $R$ , $P \vee Q$	$(J \land S)$ . [8][0	)RJ	U	
	(i) Let <i>K</i> (Bajaj. Ex	(x): x is a two-wheeler, $L(x)$ : x is a scooter, $M(x)$ : x is a representation of the presentation of the		[8]	U	3
1115		III There is a two-wheeler manufactured by Bajaj that is no	t a scooter.			CO
11.b)	foggy, the sailing rac	IV. Every two-wheeler that is a scooter is manufactured by e rules of inference to show that the hypothesis "If it does not ran the sailing race will be held and the lifesaving demonstration the is held, then the trophy will be awarded", and "The trophy we conclusion "it rained"	Bajaj. ain or if it is not will go on", "If as not awarded"	the [8]	U	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
12.a)	(i) Solve $a_n = 8a_{n-1} + 10$ with $a_0 = 1$ and $a_1 = 9$ using generating function. [8]  2.a) (ii) How many positive integers not exceeding 1000 are divisible by none of [8] [OR]					CO
12.b)	(i) Using	mathematical induction prove that if $n$ is a positive intege $1^{n+1} + 12^{2n-1}$ .	er, then 133	[8]	Ap	CO

	(ii) How many ways are there to assign five different jobs to four different employees if every employee is assigned at least one job? [8]	Ap	
	(i) Check whether the following graphs are isomorphic or not.  [8]	U	
13.a)	$u_{\delta}$ $u_{\delta}$ $u_{\delta}$ $u_{\delta}$ $u_{\delta}$ $u_{\delta}$ $u_{\delta}$ $u_{\delta}$		CO3
	(ii) If A is the adjacency matrix of a graph G with $V(G) = \{v_1, v_2,, v_p\}$ , prove that for any $n \ge 1$ , the $(i, j)^{th}$ entry of $A^n$ is the number of $v_i - v_j$ walks of length n in [8][OR]	U	
13.b)	G.  (i) Define self complementary graph. Show that if G is a self complementary simple graph with n vertices then $n \equiv 0$ or $1 \pmod{4}$ .  (ii) Show that a simple graph G is Eulerian if and only if all its vertices have even	U	CO3
	degree.	U	CO4
14.a)	State and prove Lagrange's Theorem on groups.	U	
14.b)	<ul> <li>(i) Show that a non empty subset H of a group (G,*) is asubgroup of G iff a *</li> <li>b<sup>-1</sup>∈ H ∀ a, b ∈ H.</li> <li>(ii) Show that the Kernel of a group homomorphism is a normal subgroup of the</li> </ul>	U	CO <sub>2</sub>
	group.  (i) Show that every chain is a distributive lattice.  (ii) Let D = {1, 2, 4, 5, 10, 20, 25, 50, 100} be the divisiors of 100. Draw the	U	
15.a)	Hasse diagram of $(D_{100}$ ,/) where / is the relation division . Find  I. $glb \{10, 20\}$ II. $lub \{10, 20\}$ III. $glb \{5, 10, 20, 25\}$	U	CO
15.b)	IV. $lub \{5, 10, 20, 25\}$ (i) In a boolean Algebra, show that $(a * b)' = a' \oplus b'$ and $(a \oplus b)' = a' * b'$ . [8]  (ii) Define a Modular lattice and prove that every distributive lattice is modular but not conversely.	U	СО

Alla Contraction

CAT COORDINATOR

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### PERLINSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CLASS / SEM: II CSE A / III SEM

S.NC	REG. NO.	A/III SEM			a		- make out
	zad. No.	NAME	28 11/24	29111	20/um	1/12/21	2/12/200
1	411521104001				7.7. (1.1.)		
2	411521104001	Abdul Majith A	HELLILAN.	Plater	John	٢ المحلل	1 part
3	411521104002	Abishekraj K B	Abishit	April	Hille	dustale	Abishek
4	411521104004	Abinash S	s. Abit	s.dlm	S. Abot	5. Almy	tulk 2
5	411521104004	Adnan Mohammed S	Alique.	Altran.	dra	Alra	Allow.
6	411521104006	Akash Jebaraj I Variani	fillows	Adj	Aya	AVOS	(July
7	411521104007	Annamalai M	AB	AB	A SY		Be James
8	411521104007	Archana B	Archans !	Archan			Archana B
9	411521104009	Arokia Anushya A	4. Amy.	A. Angel	A PMA	4. Amin	Pr. Nyalpan
10	411521104010	Arul Pandian P			-P. UniPa		
11	411521104011	Ashwin V	v. Abolt.	J. Alas	15	1. Ala.	
12	451521104012	Bargavi A V				PENDEVATION	in Program
13	411521104013	Chandralada V	Bhondi G.	AB	AB	413	Shoan ale
14	411521104015	Chandrakala V	V. Chandrak	7 V. Thank		1. 1. horres	AB
15	411521104016	Damodaren V	AB	AB	AB	A3	
16	411521104017	Dayana M. J.		-1	A		ina Mi Dayana
17	411521104017	Deepak Kumar K	DEEDAK:I	Wille.	IL PLANT	W3 OFFOA!	W.D. Sox
18	411521104018	Deepan Chakkaravarthi K	- W-4	40	11.50	16. B.A	1 11010
19	411521104020	Devakumari S	L. D. Sog	A S Devalue	Mary A S	AB	AB
	411521104021	Devatharshini B	BAZ	-B.D	2 8.D	1 B.D	a R. h
20		Dhanush V	1. showsh		المالة له المالة	who was	
21	411521104023	Dharani T	Dharan			main PC I have	and I Drawn
22	411521104025	Dinesh V	AB	AB	AB	AR	to —
23	411521104026	Dinesh Chaudhary D	Bresh	A Della	odi Deli	and Ding	M ASINCOL
24	411521104027			THE WAY	W. 200	WY AD	1 2. where
25	411521104028	Dinesh Kumar L	1 a line	L M.	WWW MZ	all	12
26	411521104029	Dinesh Kumar M	5. Direch	a AR	5.20	(a) 3.90	S Transport
27	411521104030	Dinesh Kumar S	CO Dunk		-C 05	- S 150/2	Legion Legion
28	411521104031	Divya S	K. Elaky	2 KIV	alynk. El	din vill	Var XO 1
29	411521104032	Elakiya K			y R.El	-	akip Rélakiy
30	411521104033	Elakya R	goyathy				1 - 1-1-1-1
31	411521104035	Gayathri B	D. 6/6101		744 0g	111	1000
32	411521104036	Gokul D		R.C		DYO	0 00
33	411521104037	Gokul R	R. Gold	N.E	R. K.	Clark m	RED CON
34	411521104038	Gowsalya D	Dy	THE STATE OF THE S		7	A STORY
35	411521104039	Guberan T	ichmb.	1	MY D	month	more from
36	411521104040	Hari Krishnan U	To teo	1	10 A		
37	411521104041	Harini M	M. thy	\$ W.	W W	That IK.	Thuy Mr. Thu
	111111111111111111111111111111111111111	Harish S	John S.	Bear	S F	M	a Mind
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39	411521104044	Ishasri P	pahori	P. ghari	AB	AB 1	2.9phoru	
40	411521104045	Jagan M	Jagan a	19 Jan	5	Jogenson 1	y. Jagan	
41	411521104046	Jana R	R. Je	P.Si	3.42	R Si	01)	
42	411521104047	Jeffrin Nelson J	J-8-16	J11	1311	1) bell	43/	
43	411521104048	Jitto M	M. J. Tro	OHIC 121	AB	N. Pitto	M. Jitto	
44	411521104050	Jogan Roy K	AB	AB 1	4B	AB '	AB	
45	411521104051	Karthi S	AB	Root hi	4041/01	KARINI	B. KOOI K	
46	411521104052	Karthika E	kairy.	house	root	Nowie	Sund	
47	411521104053	Karthikeyan N / 1 / 1	Key 2	Zarl.	Cary !	Kayles	hauston	
48	411521104054	Kavitha S	Kayith &	Cartes	anthis	Coutton of	Varitors	
49	411521104055	Kavitha V	Kani Ka.V	Kanital	Youte	Kowithy	Karitral	
50	411521104056	Keerthika M	M. boothit	1		M. Keath	_	
51	411521104057	Keerthivasan S	S. News L.	5. Youri	المحمد	NEW YORK	Sycasing	
52	411521104058	Kowsalya Brook Land A.	B. Kowsaly		2 Kirsh		B-Kows?	
53	411521104059	Lakshmi Priya M	Milaku	mai	grand	Milaile	night a	
54	411521104060	Lavanya B	Bilavarya	B. Lavary	R. i avada	Blavaria	B-Laxanya	
55	LATERAL	Arun August A Margara	Arusy	Lin	Alun	10	Aruno	
56	LATERAL	Christoper Danie	ABA	CUA 7	100	1 23:0	48	
57	LATERAL	Harish p. Canto dad Jakoba La	D. Jhiff.	HAY WA	DAH	DIL	AB	
58	LATERAL	Pradeep Raj	1000 P	AR	VAR	4377	0)	
59	LATERAL	Dhivakar, Mana Managar, M	Dlauko	Oliale	Olisaka	Dhiako	Dhilako	2
60	LATERAL	Mohamed sirajuddin		de la		augh	nederale	
61	LATERAL	Gokulakrishnan ( )	OD	00	00	00	20	
62	LATERAL	Anitha M	OD	QO	00	00	00	
63	LATERAL	Baskar C	OD	OD	o)	00	01)	1.
64	LATERAL	Kumaresan R	1 7	2.4		-		1
65	LATERAL	Muthukumaraswamy S	W.					7-
66	LATERAL	Naveen Kumar Y C	4		7			]
67	LATERAL	Praveen V	QD	OD	01)	01)	01)	7
0,		Present Profile Manager	53		52	52	50	
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	D	PERI INSTI PEPARTMENT OF COM	DUTED	OF TEC	HNOL	LOGY			
		CAT-II EXAMI	VATION	SCIEN	CE A	ND ENG	INEERIN	√G	
	CLASS / SEM: I	CAT-II EXAMII I CSE A / III SEM	TATIO	Y-RES	JLT A				
		- STATE OF THE STA				BATCI	I: 2021 - 2	2025	
CNO	REG. NO.	NAME	DM	DPCO	FDS	OODG	DC	No of Sub	N. CC.
S.NO	44.5		Divi	bico	LD2	OOPS	DS	No. of Sub	
1	411521104001	Abdul Majith A	54	50	59	50	56	Absent	failed
2	411521104002	Abishekraj K B	28	22	40	53	53	0	0
3	411521104003	Abinash S	15	55	60	50	33	0	3
4	411521104004	Adnan Mohammed S	35	ab	40	62	19	1	2
5	411521104005	Akash Jebaraj I	30	9	21	50	14	0	4
6	411521104006	Annamalai M	48	ab	40	50	53	1	4
7	411521104007	Archana B	57	20	60	16	71	0	3
8	411521104008	Arokia Anushya A	57	ab	56	52	71	1	2
9	411521104009	Arul Pandian P	7	24	19	11	24	0	1 .
10	411521104010	Ashwin V	27	16	37	55	42	<u> </u>	5
11	411521104011	Bargavi A V	61	52	36	ab	66	0	4
-12	411521104012	Bhuvanesh G	18	11	12	56	33	0	2
-13	411521104013	Chandrakala V	66	55	66	55	79	0	4
.14	411521104015	Damodaren V	ab	45	AB	7	AB	3	0
15	411521104016	Dayana M	82	56	45	0	75		5
16	411521104017	Deepak J	12	ab	15	54	58	0	2
17	411521104018	Deepak Kumar K	33	7	19	ab	32	1	3
-18	411521104020	Deepan Chakkaravarthi		0	2	0	9	1	5
-19	411521104021	Devakumari S	40	51	66	22		0	5
20	411521104022	Devatharshini B	56	ab	40	55	55 53	0	2
-21	411521104023	Dhanush V	37	0	36	27	60	1	2
-22	411521104025	Dharani T	54	22	57	60	50	0	4
-24	411521104027	Dinesh Chaudhary D	56	27	50	50	58	0	1
-25	411521104028	Dinesh Kumar L	27	11	30	58	43	0	1
26	411521104029	Dinesh Kumar M	15	11	20	43	46	0	4
-27	411521104030	Dinesh Kumar S	16	7	12	46		0	5
-28	411521104031	Divya S	39	ab	22	35	35	0	5
-29	411521104032	Elakiya K	25	52	35	53	53	1	4
30	411521104033	Elakya R	52	55	72	50	50 62	0	2
31	411521104035	Gayathri B	51	60	52	62	50	0	0
-32	411521104036	Gokul D	58	60	50	50		0	0
33	411521104037	Gokul R	31	59	67		50	0	0
-34	411521104038	Gowsalya D	55	53	58	50	AB	1	2
-35	411521104039	Guberan T	41	33	17	<u>62</u>	68	0	0
36		Hari Krishnan U	30	34		50	33	0	4
-37		Harini M	56	59	35	50	28	0	4
-38		Harish S	18	$\frac{-59}{50}$	57	AB	62	1	1
-39		Ishasri P	55	67	18	68	AB	1	3
40		Jagan M	46		50	55	60	0	0
-41		Jana R		18	49	28	38	0	5
-42		Jeffrin Nelson J	27	0	33	62	29	0	4
43			50	6	18	AB	35	1	4
45		Jitto M	ab	56	56	60	25	1	22
46		Karthi S Karthika E	27 52	19	23	29	51	0	4
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Karthika E

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48	41170110								
49	411521104054	Kavitha S	79	51	50	50	AB	1	1
50	411521104055	Kavitha V	50	58	57	50	62	0	0
	411521104056	Keerthika M	50	45	60	AB	55	1	2
51	411521104057	Keerthivasan S	15	45	31	68	37	0	4
52	411521104058	Kowsalya B	56	56	50	53	58	0	0
53	411521104059	Lakshmi Priya M	58	50	56	66	70	0	0
54	411521104060	Lavanya B	72	60	65	62	67	0	0
55	LATERAL	Arun	6	0	56	AB	13	1	4
56	LATERAL	Christoper Danier	59	50	53	60	AB	1	1
57	LATERAL	Harish p	6	44	45	25	23	0	5
58	LATERAL	Pradcep Raj	5	51	10	29	AB	1	4
59	LATERAL	Dhivakar M	9	20	AB	35	55	1	4
60	LATERAL	Mohamed sirajuddin	54	20	50	67	31	0	2
61	LATERAL	Gokulakrishnan	51	54	78	54	55	0	0
62	LATERAL	Anitha M	42	48	55	56	42	0	3
63	LATERAL	Baskar C	50	47	46	47	49	0	4
64	LATERAL	Kumaresan R	47	60	42	41	49	0	4
65	LATERAL	Muthukumaraswamy S	47	52	57	58	43	0	2
66	LATERAL	Naveen Kumar Y C	41	41	57	53	59	0	2
67	LATERAL	Praveen V	43	54	52	42	43	0	3
-7:		sent	65	61	65	61	61		
		sent	2	6	2	6	6		
		sed	27	28	32	42	32		
	Fai	led	36	31	31	19	27		
P	ass Percentage(w	ith Total Strength)	40.3	41.8	47.8	62.7	47.8		
: Pa	ss Percentage (wi	ith Total Strength) th Absentees Count)	41.5	45.9	49.2	68.9	52.5		
No.	Of Students Pass	ed in all the Subjects	_		14				
77	Overall	th Absentees Count) ed in all the Subjects Pass %			20.9				
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### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CAT II RETEST: DECEMBER- 2022

### Retest Circular

Dear All,

09.12.2022

Greetings from CSE department. CAT II retest for II year students starts from 05<sup>th</sup> December, 2022 (Monday) onwards. Kindly send the Question paper to this mail id: <a href="mailto:catexamcse@gmail.com">catexamcse@gmail.com</a>

QP Pattern for II, III and IV year

Portion: 3rd and 4th Units

Max. Marks: 100 Duration: 3 hrs

Part A: 10 Questions (2 marks)

Part B: 5 Questions (13 marks) with choice Part C: 1 Question (15 mark) with choice

Encl: 1. Question paper Template

2. Time table

Regards
CAT Cell/ CSE

ORDINATOR

Continue of the second

### PERI Institute of Technology

Academic Year 2022 – 2023 (ODD Semester)

Department of Computer Science Engineering

PERI / 2022 -23 / ODD / CSE / 05

Date: 06.12.2022

### **CIRCULAR**

The second year students are informed that the Model examination will be conducted from 8th Dec 2022 to 24th Dec 2022.

### Important Note to students:

- For each subject 2 ½ days coaching will be conducted as per the schedule and at the third day afternoon session Model exam will be conducted.
- Coaching will be conducted in the morning Session at 8.30-10.30am followed by revision test at 10:45-11:45 am and Coaching will be conducted in the Afternoon session from 12:30-2:30PM followed by revision test at 2:45-3:45.
- ❖ The students must be present in the class before 8.30AM
- ❖ Late comers will not be strictly allowed to write the test.
- \* The students must bring their required stationeries
- ❖ The students are instructed to write their name and register number correctly in the answer sheet.
- ❖ The portion for model exam will be units 1 to 5.

Encl: Model (TT)

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### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING MODEL EXAM Time Table – DECEMBER 2022

DATE	II YEAR CSE A	II YEAR CSE B		
08.12.22 (Thursday)	CS3301 – Data Structures	CS3351– Digital Principles and Computer Organization		
14.12.22 (Wednesday)	CS3352 – Foundations of Data Science	CS3391 – Object Oriented Programming		
17.12.22 (Saturday)	MA3354 – Discrete Mathematics	CS3301 – Data Structures		
21.12.22 (Wednesday)	CS3351– , Digital Principles and Computer Organization	MA3354 – Discrete Mathematics		
24.12.22 (Saturday)	CS3391 – Object Oriented Programming	CS3352 – Foundations of Data Science		





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### PERI

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Model Exam – November 2022 CS3352-Foundation Of Data Science

SET A

Year/Sem/Sec	:	II/III/A	Date	:	14-12-2022
Department	:	CSE	Duration	:	3 hours
Faculty	:	ABBIRAMI R S	Max. Marks	:	100

### PART A( $10 \times 2 = 20$ )

1.	List the categories of end user access tool	11	001
2.	Define outliners	U	CO1
3.		R	CO1
	Write about Interquartile Range	R	CO2
4.	How does frequency distributions are displayed?	A	CO2
5.	Define Scatterplot.	R	CO3
6.	What is the significance of r <sup>2</sup> ?	U	CO3
7.	Write the features of Numpy.	R	CO4
8.	Identify the limitations of Broadcasting.	U	CO4
9.			
	Write Python Code to display a simple plot using matplotlib.	U	CO5
10.	List out the features of seaborn module.	U	CO5

### PART B (5x13=65)

_	\$11.1					
11.	A) (i)Explain the advantages and disadvantages of data warehouse (ii)Explain the components of data warehouse (OR)	U	CO1			
	B) Explain in detail the various forms to represent the data.	U	COI			
12.	A) i) State the guidelines for frequency distribution for quantitative data.  ii) What are some possible poor features of the following frequency distribution?    ESTIMATED WEEKLY TV VIEWING TIME (HRS) FOR 250 SIXTH GRADERS   VIEWING TIME	U	CO2			
	B) Explain the various graphical forms to represent the quantitative data with neat diagrams.	U	CO2			
13.	A) Explain the types of correlations between two variables and also explain how it is depicted graphically. (OR)					
	B) Discuss about the interpretation of r <sup>2</sup> .					
14.	A) Explain the use of fancy indexing accessing and modifying array values with example. (OR)	An	CO4			
	B) Demonstrate on how vertical and horizontal splitting are done in Numpy Arrays.	An	CO4			

15.	A) Explain different methods of showing three dimensional surface on a two dimensional plane with example (OR)	R	CO5
	B) Explain in detail about the functions of mpl_tool kit for Geographic data visualization.	U	CO5

### PART C (1 x15=15)

1	6	A) Write Python Program to plot Line Chart by assuming your own data and explain the various attributes of line chart.	An	CO5	
		<ul><li>B) i) Explain the usages of histogram for data exploration and explain its attributes.(8)</li><li>ii) Elaborate the concept of subplots and its applications.</li></ul>	An	CO5	

CAT COORDINATOR

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# PERI INSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING MODEL EXAM ATTENDANCE SHEET ODD SEMESTER 2022-2023

CLASS: II CSE A

		CLASS	S: II CSE A
S.N		NAME	8 12 14 12 17.12-22 21.12-22 20 12 22
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2		Abishekraj K B	Nousek Abooket Shichet Shichet Abishek
3		Abinash S	dent other that thent that
4		Adnan Mohammed S	Advan. Alone. Advan. Advan.
5	101005	Akash Jebaraj I	Quy Coly ONE Chip Chip
6	411521104006	Annamalai M	ACT OUT THE
7	411521104007	Archana B	Archana. D Archana B Archana B Archana B
8	411521104008	Arokia Anushya A	A. A. M. A. Anus Amin
9	411521104009	Arul Pandian P	Putral P. And Road P. April T. And Car P. Williams
10		Ashwin V	Apoll V Show V Alory V Brook V Atris
11	411521104011	Bargavi A'V	AV Borgavi AV Bargavi AV Barguri AV Bargavi A.V. Bargavi
12	411521104012	Bhuvanesh G	Blumper to Go Blannoh Changle Blund Phruch
13	411521104013	Chandrakala V	V. It about the V. Charles V. Charles Edw V. I Landes Valor
14	411521104014	Chandru B-S-X	·於平
15	411521104015	Damodaren V	· represent
16	411521104016	Dayana M	M. Dayana M. Dayana M. Dayana M. Dayana M. Dayana
17	411521104017	Deepak J	Diplo Dept Dept
18	411521104018	Deepak Kumar K	What was the way hours
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20	411521104020	Chakkaravarthi K	Kolos Kolos Kolos Kalos Kolos
21	411521104021	Devakumari S	ab 1
22	411521104022	Devatharshini B	B.Da B.Da B.Da B.Da
-23	411521104023	Dhanush V	M. House A Spart A Sparry A Sparry
24	411521104024	M 📈	
25	411521104025	Dharani T	That Than Than
26		Dinesh V X	
27	411521104027	Dinesh Chaudhary D	Dinesta Dinesta Dinesta Dinesta Ognosh
28	411521104028	Dinesh Kumar L	40hetry warming promise 116 overland
29	411521104029	Dinesh Kumar M	The street of th
30	411521104030	Dinesh Kumar S	Hurrar Runar Runar Runar Runar
31	411521104031	Divya S	ASh S DSh & ab DSh S
	411521104032	Elakiya K	Kilaling Krhadya vallage 10. Walgs 10 Flater
32	411521104033	Elakya R	R. Flating R. Flaterya R. Elalaga R. Elalaga R. Elalaga
33	411521104034	Franklin Joshwa 🖇	A Hart BOL Laborat Land War Comment Comment of the State
34	411521104035	Gayathri B	Gayathri Blogory angly Cayathri
35	411521104036	Gokul D	Gohd D Gold Grand Gold of Gold D
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37	411521104037		

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38	411521104038			,	17.12.22		
39	411521104038	Gowsalya D	D. Chy	DCE 1 =	Dicet 4.	DELT.	Diejay.
40	411521104039	Guberan T	The	Thurs	Tomas	Emm	P. Aritan
-	411521104040	Hari Krishnan U	Hick	with.	(Hunt	(H)	LV TO
41	411521104041	Harini M	Mr. Hard	Mr. Harl	M. thul	OK-flows	Ik. flood
42	411521104042	Harish S	ab	& HTTP	Mang	B. S.	-
43	411521104044	Ishasri P	Ishori.P	gharri.P	Thewi.P	Tylowin P	Sharrit
44	411521104045	Jagan Market	M Jagan	M. Togus	N. Jagan	M. Jagam	19590-2
45	411521104046	Jana R	R.18	R.J.	R.N	R.S	R.A
46	411521104047	Jeffrin Nelson J	gill	4/1	410	4-10	There
47	411521104048	Jitto M	M. Jitto	M. J. Ho	M. Jith		100
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49	411521104051	Karthi S	S. Kronici	8. Kosth	B. Krojiki	S. HOTIS	S. FINTE
50.	411521104052	Karthika E	have?	Laxiv	Kong.	Knist	Train
51	411521104053	Karthikeyan N	darte	Kousi	kaup	Wanua .	laus
52	411521104054	Kavitha S	ah	raville.		Kovithas	Kaushas,
53	411521104055	Kavitha V	Kay the	, , , , ,	Kauth	1 1	ler stall
54	411521104056	Keerthika M	10%				4 14 Keerthiten
55	411521104057	Keerthivasan S	keerthic	Konstia	S. Vendie	C. Went	S. VECOVI
56	411521104058	Kowsalya B	B.Kuy.	B.Ky.	R.Kuy	Bikuz.	B-Kuj.
57	411521104059	Lakshmi Priya M	M. Herry	More	in the	الم اعلنا	- M. Lawhard
58	411521104060	Lavanya B	Biavanya	Blavarya	B. Jarama	Blavary	a B. Lavarya
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## PERI INSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING MODEL EXAMINATION - RESULT ANALYSIS

		-					1: 2021 - 2		
		1		l 1					
	REG. NO.	NAME	DM	DPCO	FDS	OOPS	DS	No. of Sub	No. of Sub
S.NO			_					Absent	failed
1 4	411521104001	Abdul Majith A	57	67	56	52	54	0	0
2	411521104002	Abishekraj K B	28	22	40	53	53	0	3
3	411521104003	Abinash S	15	55	60	50	33	0	2
4 4	411521104004	Adnan Mohammed S	35	ab	40	62	19	1	4
5 4	411521104005	Akash Jebaraj I	30	9	21	50	14	0	4
6 4	411521104006	Annamalai M	48	ab	40	50	53	1	3
7 4	411521104007	Archana B	57	67	60	72	71	0	0
8 4	411521104008	Arokia Anushya A	57	67	56	52	71	0	0
9 4	411521104009	Arul Pandian P	7	24	19	11	24	0	5
.10	411521104010	Ashwin V	27	16	37	55	42	0	4
11 4	411521104011	Bargavi A V	61	52	36	ab	66	1	2
.12	411521104012	Bhuvanesh G	18	11	12	56	33	0	4
-13	411521104013	Chandrakala V	66	55	66	55	79	0	0
-14	411521104015	Damodaren V	ab	45	AB	7	AB	3	5
15	411521104016	Dayana M	82	56	45	0	75	0	2
16	411521104017	Deepak J	12	ab	15	54	58	1	3
17	411521104018	Deepak Kumar K	33	7	19	ab	32	1	5
18	411521104020	Deepan Chakkaravarthi	6	0	2	0	9	0	5
19 4	411521104021	Devakumari S	40	51	66	22	55	0	2
20 4	411521104022	Devatharshini B	56	ab	40	55	53	1	2
21 4	411521104023	Dhanush V	37	0	36	27	60	0	4
22	411521104025	Dharani T	54	22	57	60	50	0	1
24	411521104027	Dinesh Chaudhary D	56	27	50	50	58	0	1
25	411521104028	Dinesh Kumar L	27	11	30	58	43	0	4
-26	411521104029	Dinesh Kumar M	15	11	20	43	46	0	5
-27	411521104030	Dinesh Kumar S	16	7	12	46	35	0	5
-28	411521104031	Divya S	72	50	62	67	53	0	0
-29 4	411521104032	Elakiya K	25	52	35	53	50	0	2
-30	411521104033	Elakya R	52	55	72	50	62	0	0
31 4	411521104035	Gayathri B	51	60	52	62	50	0	0
32	411521104036	Gokul D	58	60	50	50	50	0	0
33 4	411521104037	Gokul R	31	59	67	50	AB	1	2
34 4	411521104038	Gowsalya D	55	53	58	62	68	0	0
35	411521104039	Guberan T	41	33	17	50	33	0	4
36	411521104040	Hari Krishnan U	50	63	56	50	52	0	0
37	411521104041	Harini M	56	59	57	AB	62	1	1
38 4	411521104042	Harish S	18	50	18	68	AB	1	3
	411521104044	Ishasri P	55	67	50	55	60	0	0
	411521104045	Jagan M	46	18	49	28	38	0	5
41	411521104046	Jana R	27	0	33	62	29	0	4
	411521104047	Jeffrin Nelson J	50	6	18_	AB	35	1	4
	411521104048	Jitto M	ab	56	56	60	25	1	2
	411521104051	Karthi S	27	19	23	29	51	0	4
-46 4	411521104052	Karthika E	52	52	50	60	67	0	0
47 4	411521104053	Karthikeyan N	5	19	53	62	23	0	3

48	411521104054	Kavitha S	79	51	50	50	AB	1	1
49	411521104055	Kavitha V	50	58	57	50	62	0	0
50	411521104056	Keerthika M	50	45	60	AB	55	1	2
51	411521104057	Keerthivasan S	15	45	31	68	37	0	4
52	411521104058	Kowsalya B	56	56	50	53	58	0	0
53	411521104059	Lakshmi Priya M	58	50	56	66	70	0	0
.54	411521104060	Lavanya B	72	60	65	62	67	0	0
55	LATERAL	Arun	6	0	56	AB	13	1	4
56	LATERAL	Christoper Danier	59	50	53	60	AB	1	1
57	LATERAL	Harish p	55	53	55	67	78	0	0
58	LATERAL	Pradeep Raj	5	51	10	29	AB	1	4
59	LATERAL	Dhivakar M	9	20	AB	35	55	1	4
60	LATERAL	Mohamed sirajuddin	54	20	50	67	31	0	2
61	LATERAL	Gokulakrishnan	50	59	78	41	55	0	1
62	LATERAL	Anitha M	48	40	55	50	45		3
63	LATERAL	Baskar C	50	41	59	44	46	0	3
64	LATERAL	Kumaresan R	43	41	41	50	52	0	3
65	LATERAL	Muthukumaraswamy S	52	53	48	57	59	0	1
66	LATERAL	Naveen Kumar Y C	49	47	67	48	55	0	3
67	LATERAL	Praveen V	59	50	53	60	AB	1	1
	Pres	sent	65	63	65	61	60		
41.4	Absent			4	2	6	7		
	Passed			32	35	45	36		
- 17				29	28	16	22		
	The strength of the strength o			47.8	52.2	67.2	53.7		
	Pass Percentage (with Absentees Count)			49.2   50.8   53.8   73.8   60					
	No. Of Students Passed in all the Subjects			18					
	Overall Pass %			26.87					





#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Class Committee Meeting

### ODD SEMESTER 2022 – 2023 Class Committee Meeting Circular

Date: 19.10.2022

Batch: B.E CSE (2021 – 2025) Chairperson: Mrs.G.S.Gayathri Year/Sem/Sec: II/ III / 'A'
H.O.D – Mrs.K.Varalakshmi

The Second class committee meeting for II year CSE 'A' for the academic year 2022-2023 (Odd semester) will be held on 20.10.22 at 11.00 pm in Lab 3 in the presence of HOD of CSE, subject handling faculty members and selected students. All the members are requested to attend the meeting to improve the effectiveness of teaching-learning process.

#### **Subject Handling Faculty Members:**

Sl.No	Subject Code	Subject Name	Staff Name	Signature
1	MA3354	Discrete Mathematic	Ms.Lakshmi Priya	m. 1 1/2/22
2	CS3352	Digital Principles and Computer Organization	Dr.R.Dinesh Kumar	Ond Desemblioties
3	CS3353	Foundations of Data Science	Ms. R.S Abbirami	Selouine.
4	CS3351	Data Structures	Ms.S. Jonisha	Le John
5	CS3391	Object Oriented Programming	Ms. K.Varalakshmi	Julio
6	CS3353	Foundations of Data Science Lab	Mrs. R.S.Abbirami	Colles
7	CS3311	Data Structures Lab	Mrs. S. Jonisha	
8	CS3381	Object Oriented Programming Lab	Mr. V.Dharma Prakash	V. Din 100 2

#### **Student Members**

S.No	Student Name	Signature
1	Karthiga.E	E. Kortnika
2	Keerthika.M	M. keerthika eiliol
3	Gowsalya.D	D. Sty , 2010) 22
4	Karthikeyan.N	Last - 2/11/0/2
5	Jitto.M	M. 2140 21/10/02
6	Adnan Mohammed	Adva0

Chairperson

Hop-este



### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Class Committee Meeting

Batch: B.E CSE (2021 – 2025) Chairperson: Mrs.G.S.Gayathri

Year/Sem/Sec: II/ III / 'A' H.O.D – Mrs.K.Varalakshmi

Attendance sheet for the Class committee meeting held on 20.10.2022 at 2pm Staff Members:

Sl.No	Staff Name	Signature
1	Ms.Lakshmi Priya	m. 7 1/10/22
2	Dr.R.Dinesh Kumar	Q1. R. Drest & 21/10/22
3	Ms R.S.Abbirami	1100
4	Ms.S.Jonisha	Le John
5	Ms. K.Varalakshmi	De 27/10

#### **Student Members**

S.No	Student Name	Signature
1	Karthiga.E	S 10 100
2	Keerthika.M	E. Korthika M. Keerthika 21/10/21
3	Gowsalya.D	D. Got. 2/10/22
4	Karthikeyan.N	Karef-2/10/24
5	Jitto.M	M. 7:40 2:10/22
6	Adnan Mohammed	Admin 2/1/10/22

Chairperson

Hopecsio



### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Class Committee Meeting

Batch: B.E CSE (2021 – 2025) Chairperson: Mrs.G.S.Gayathri Year/Sem/Sec: II/ III / 'A' H.O.D – Mrs.K.Varalakshmi

### **Syllabus Completion**

Sl.No	Subject Code	Subject Name	Completion Status
1	MA3354	Discrete Mathematic	Completed 1- 3 Units Completed 90% of Unit 4
2	CS3352	Digital Principles and Computer Organization	Completed 1- 3 Units Completed 50% of Unit 4
3	CS3353	Foundations of Data Science	Completed 1- 3 Units Completed 50% of Unit 4
4	CS3351	Data Structures	Completed 1- 4 Units
5	CS3391	Object Oriented Programming	Completed 1- 3 Units Completed 50% of Unit 4



### The following points were discussed during the Class Committee Meeting for II CSE A Held on 20.10.2022 at 12.50 pm

S.No	Points Discussed	Action Taken				
	Subjects					
1	Discrete Mathematic - Students requested to explain the Math Problems in the board.	Has been conveyed to the HOD Will be assigned.				
2	Digital Principles and Computer Organization	Satisfied with the teaching methods and staff.				
3	Foundations of Data Science	Satisfied with the teaching methods and staff. Conveyed to staff				
5	Data Structures - Student requested for revision.	Conveyed to staff. Time table scheduled for the revision classes				
6	Object Oriented Programming - Student requested for revision.	Conveyed to staff. Time table scheduled for the revision classes				
	General					
7	Discussed regarding marks obtained in the CAT 1 exam ar assignments.	nd the importance of writing				
8	Increasing class Attendance percentage. Advised to attendance percentage and also not to come late	classes regularly and improve				
9	Discipline - Advised students to maintain discipline inside and to avoid creating unwanted problems.	college campus and classrooms				
10	Dress code - Advised students to follow proper dress code.					
11	Advised students to utilize the lab hours properly in upgrad knowledge.	ling their programming				
12	Discussed about Nan Mudhalvan Scheme and the courses p	provided				
13	Students requested to repair the rooftop water leakage probin the 3 <sup>rd</sup> floor.	lem and provide drinking water				
	In the 3 <sup>rd</sup> floor.  Students requested to cover the window to avoid the sun shade and washroom issues of cleaning.					

Chairperson

### PERI INSTITUTE OF TECHNOLOGY IQAC ACADEMIC CALENDER 2022-23 EVEN SEMESTER (II YEAR)

		JANUARY		FEBRUARY						
Date	Day	Activity	Academic Day	Date	Day	Activity	Academic Day			
1	Sun			1	Wed	Reopening for IV, VI and VIII Sem	1			
2	Mon			2	Thu	Class Committee week	2			
3	Tue			3	Fri		3			
4	Wed	Governing Council meeting		4	Sat					
5	Thu	2	7.16	5	Sun	9				
6	Fri			6	Mon	Commencement of Aptitutde Training 6th sem	6			
7	Sat	IQAC Academic Verification End Sem		7	Tue		7			
8	Sun	4		8	Wed	Zeroth -Review Report	8			
9	Mon			9	Thu		9			
10	Tue	IQAC Meeting		10	Fri		10			
11	Wed			11	Sat		11			
12	Thu	National -Youth Day		12	Sun					
13	Fri			13	Mon		12			
14	Sat	Pongal Holidays		14	Tue		13			
15	Sun	Pongal Holidays		15	Wed		14			
16	Mon	Pongal Holidays		16	Thu		15			
17	Tue	Pongal Holidays		17	Fri	<b>Annual Sports Meet</b>	16			
18	Wed			18	Sat					
19	Thu			19	Sun					
20	Fri		14.1	20	Mon	Class Committee Meeting week	17			
21	Sat			21	Tue		18			
22	Sun			22	Wed		19			
23	Mon	Placement Meeting -1		23	Thu	National - Science Day	20			
24	Tue			24	Fri		21			
25	Wed	National - Voters Day		25	Sat	First review Report Submission				
26	Thu	Holiday - Republic Day	19	26	Sun		18. 11			
27	Fri	IQAC Academic Verification -Starts		27	Mon		22			
28	Sat			28	Tue		23			
29	Sun									
30	Mon			The second		Ligantina de la compansión de la compans				
31	Tue				1					
		MARCH				APRIL				

MARCH

MARCH							
Date	Day	Activity	Academic Day	Date	Day	Activity	Academic Day
1	Wed		24	1	Sat	Annual Appraisal Window starts	
2	Thu		25	2	Sun		
3	Fri		26	3	Mon		50
4	Sat		27	4	Tue		51
5	Sun			5	Wed		52
6	Mon	Laboratory Model Examination 1	28	6	Thu	- 4	53
7	Tue	Commencement of CAT 1- 2nd,3rd&4th year	29	7	Fri	Holiday - Good Friday	8
8	Wed	International Womens Day	30	8	Sat		
9	Thu		31	9	Sun		
10	Fri	0-1	32	10	Mon		54
11	Sat	Annual - Culturals	33	11	Tue	Commencement of CAT 2- 2nd,3rd&4th year	55
12	Sun			12	Wed		56
13	Mon		34	13	Thu		57
14	Tue		35	14	Fri		58
15	Wed		36	15	Sat	·	
16	Thu		37	16	Sun	A CONTRACTOR OF THE CONTRACTOR	
17	Fri		38	17	Mon	Class Committee Meeting week	59
18	Sat			18	Tue		60
19	Sun			19	Wed	International Conference -ICCCI	61
20	Mon		39	20	Thu		62
21	Tue		40	21	Fri	Third Review report	63
22	Wed	World Water Day	41	22	Sat	Holiday - Ramzan/World Earth Day	
23	Thu		42	23	Sun		
24	Fri	Idea Fest	43	24	Mon		64
25	Sat		44	25	Tue		65
26	Sun			26	Wed		66
27	Mon	Class Committee meeting week	45	27	Thu		67
28	Tue	Second Review Report Submission	46	28	Fri	International Conference ICRCT	68
29	Wed	Mid semester Feed back	47	29	Sat		69
30	Thu		48	30	Sun		
31	Fri		49				

10000		MAY	EUR EUROPO	NO CASA	alstrantso.	JUNE	
Date		Activity	Academic Day	Date		Activity	Academic Day
1	Mon	Holiday - May day	70	1	Thu		
2	Tue	Commencement of Model Examaination-Second year	71	2	Fri		
3	Wed		72	3	Sat		
4	Thu	International Conference on ICCET	73	4	Sun		
5	Fri		74	5	Mon		
6	Sat	Commencement of Model Examaination-Third year	75	6	Tue		
7	Sun			7	Wed		
8	Mon	7	76	8	Thu		
9	Tue		77	9	Fri		1/.
10	Wed	*	78	10	Sat		
11	Thu		79	11	Sun		
12	Fri	Commencement of Model Examaination-Final year	80	12	Mon	Commencement of CAT 1-First year	
13	Sat			13	Tue		
14	Sun			14	Wed		
15	Mon			15	Thu		
16	Tue			16	Fri		
17	Wed			17	Sat		
18	Thu		i	18	Sun		
19	Fri			19	Mon		
20	Sat			20	Tue	•	
21	Sun		1	21	Wed		10 10 10 10 10 10 10 10 10 10 10 10 10 1
22	Mon	Laboratory Model Examination 2		22	Thu		V V
23	Tue	End - Semester Feed back		23	Fri		4
24	Wed			24	Sat		
25	Thu	Semester Examination Begins- Second year		25	Sun		
26	Fri			26	Mon		
27	Sat			27	Tue		
28	Sun			28	Wed		
29	Mon			29	Thu		
30	Tue	IQAC Meeting		30	Fri		70 T
30	Wed	Marka jarra a		30	Sat		
		2/15/2/199	7				
	et 4 ( + ( + )	PAT SEC SELECTION					Z.

		JULY		AUGUST						
Date	Day	Activity	Academic Day	Date	Day	Activity	Academic Day			
1	Sun		10.1	1	Tue					
2	Mon			2	Wed					
3	Tue			3	Thu					
4	Wed			4	Fri					
5	Thu			5	Sat					
6	Fri			6	Sun					
7	Sat			7	Mon	Laboratory Model Examination 1- First year				
8	Sun			8	Tue	pro 8				
9	Mon			9	Wed					
10	Tue			10	Thu					
11	Wed	Commencement of CAT 2- First year		11	Fri					
12	Thu	ď		12	Sat					
13	Fri			13	Sun					
14	Sat			14	Mon					
15	Sun			15	Tue	Semester Examination Begins- First year				
16	Mon			16	Wed					
17	Tue			17	Thu					
18	Wed	-		18	Fri					
19	Thu			19	Sat					
20	Fri			20	Sun					
21	Sat			21	Mon					
22	Sun			22	Tue					
23	Mon			23	Wed					
24	Tue			24	Thu					
25	Wed			25	Fri					
26	Thu			26	Sat					
27	Fri	Commencement of Model exam-First year		27	Sun		e i			
28	Sat			28	Mon					
29	Sun			29						
31	Mon			31		2				

PRINCIPAL

Dr. R. PALSON KENNEDY, M.E., Ph.D., PRINCIPAL PERI INSTITUTE OF TECHNOLOGY Mannivakkam, Chennai - 600 048.

#### PERI INSTITUTE OF TECHNOLOGY

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### Academic Calendar(2022-2023/ Even Sem) (II YEAR)

		Academic Caler	1411 (2022 2	10201 101	- Sem		
		February	16-8-1			March	
Date	Day	Activity	Academi c Day	Date	Day	Activity	Academic Day
1	Wed	Reopening for IV, VI and VIII Sem	1	1	Wed		24
2	Thu	Zeorth Review (4th Year)	2	2	Thu		25
3	Fri	Zeorth Review (4th Year)	3	3	Fri		26
4	Sat	Zeorth Review (3rd Year)	4	4	Sat		27
5	Sun	Holiday		5	Sun	Holiday	
6	Mon	Commencement of Aptitutde Training 6th sem/Zeorth Review (2nd Year)	5	6	Mon	Lab Model Exam-1	28
7	Tue		6	7	Tue	Commencement of CATI /Guest Lecture-Artificial Intelligence IV YEAR	29
8	Wed	Zeroth -Review Report/Guest Lecture-Networking	7	8	Wed	International Women's Day	30
9	Thu	CCM-1	8	9	Thu	Second Review -IV year	31
10	Fri		9	10	Fri	CCM-2	32
11	Sat		10	11	Sat	Annual-Culturals	33
12	Sun	Holiday		12	Sun	Holiday	
13	Mon	Industrial Visit-II year-A	11	13	Mon	Workshop-Full stack Development	34
14	Tue	Industrial Visit-II year-A	12	14	Tue	Workshop-Full stack Development	35
15	Wed	First Review-IV year	13	15	Wed	Second Review -IV year	36
16	Thu	First Review-IV year	14	16	Thu	Second Review -IV year	37
17	Fri	Annual Sports Meet	15	17	Fri	Second Review -II year	38
18	Sat			18	Sat	Second Review -II year	39
19	Sun	Holiday		19	Sun	Holiday	
20	Mon	First Review-III yr	16	20	Mon	Second Review -III year	40
21	Tue	Industraial Visit-Sansbound Technologies-III yr /First Review- II/AI work shop yr	17	21	Tue	Second Review-III year /Workshop-Oracle	41
22	Wed	Industraial Visit-Sansbound Technologies-III yr/First Review-II yr	18	22	Wed	Workshop-Oracle	42
23	Thu	First Review-III yr/AI work shop	19	23	Thu		43
24	Fri	AI work shop	20	24	Fri	Idea Fest	44
25	Sat	AI work shop	21	25	Sat		45
26	Sun	Holiday		26	Sun	Holiday	
27	Mon		22	27	Mon	Guest Lecture-Data Ware housing and Data Mining	46
28	Tue		23	28	Tue	Second Review Report Submission	47
29				29	Wed	Mid- Sem feed back week	48
30				30	Thu	Coding Contest/Second Review- IV Year	49
31				31	Fri	CCM-3	50

		April				May	
Date	Day	Activity	Academi c Day	Date	Day	Activity	Academic Day
1	Sat		51	1	Mon	Holiday	74
2	Sun	Holiday		2	Tue	Coaching 1 + Model 1/	75
3	Mon		52	3	Wed	Coaching 2	76
4	Tue		53	4	Thu	Coaching 2 + Model 2	77
5	Wed		54	5	Fri	Coaching 3	78
6	Thu		55	6	Sat	Coaching 3 + Model 3	79
7	Fri	Good Friday		7	Sun	Holiday	
8	Sat			8	Mon	Coaching 4	80
9	Sun	Holiday		9	Tue	Coaching 4+ Model 4	81
10	Mon		56	10	Wed	Coaching 5	82
11	Tue	Commencement of CAT 2	57	11	Thu	Coaching 5 + Model 5	83
12	Wed	Third Review IV year	58	12	Fri	Coaching 6	84
13	Thu	Third Review IV year	59	13	Sat	Coaching 6 + Model 6	85
14	Fri	Webinar on Introduction to  Machine Learning	60	14	Sun	Holiday	
15	Sat	Third Review-III year	61	15	Mon	End - Semester Feed back	86
16	Sun	Holiday		16	Tue		87
17	Mon	Third Review-III year	62	17	Wed		88
18	Tue	Third Review-II year	63	18	Thu		89
19	Wed	International Conference -ICCCI	64	19	Fri		90
20	Thu	Third Review-II year	65	20	Sat		91
21	Fri	Third Review Report	66	21	Sun		
22	Sat	Holiday - Ramzan/World Earth Day	67	22	Mon		
23	Sun	Holiday		23	Tue		
24	Mon		68	24	Wed		
25	Tue		69	25	Thu	9	
26	Wed		70	26	Fri		
27	Thu		71	27	Sat		
28	Fri		72	28	Sun		
29	Sat		73	29	Mon		
30	Sun	Holiday		30	Tue		
				31	Wed		

HONGSE THE

Co-ordinator
Internal Quality Assurance Cell
PERI Institute of Technology
Mannivakkam Chennal-600 048.

Principal

Dr. R. PALSON KENNEDY, M.E., Ph.D.
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048

#### PERI Institute of Technology

#### Academic Year 2022 – 2023 (EVEN Semester)

#### **Department of Computer Science Engineering**

PERI / 2022 -23 / EVEN / CSE / 01

Date:27.02.2023

#### **CIRCULAR**

All the students are informed that the First Continuous Assessment Test (CAT 1) will be conducted from 7<sup>th</sup> March 2023 to 15<sup>th</sup> March 2022.

#### Important Note to students:

- ❖ The students must be present in the class before 8.30AM
- ❖ The exam starts by 8:45 AM and ends by 11.45 AM.
- Late comers will not be strictly allowed to write the test.
- \* The students must bring their required stationeries
- The students are instructed to write their name and register number correctly on the top right corner of the answer sheet.

Encl: CAT 1 (TT)

Copy to:

1. Principal

#### PERI Institute of Technology

#### Academic Year 2022 – 2023 (EVEN Semester)

#### **Department of Computer Science Engineering**

PERI / 2022 -23 / EVEN / CSE / 02

Date: 27.02.2023

#### **CIRCULAR**

Dear Faculty Members,

This to inform you that CAT I examination starts from 7<sup>TH</sup> March, 2022 (Tuesday) onwards. The faculties handling II,III, and IV year are asked to prepare two sets of question papers for each handling subject. Kindly send the question papers to this mail id: <a href="mailto:catexamcse@gmail.com">catexamcse@gmail.com</a>

Timing: 8:45 AM TO 11:45 AM

QP Pattern for II, III and IV year

Portion: 1st and 2nd Units

Max. Marks: 100 Duration: 3hrs

Part A: 10 Questions (2 marks)

Part B: 5 Questions (13 marks) with choice Part C: 1 Question (15 marks) with choice

Encl: 1.Question paper Template.

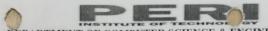
2. Time table

Regards

CAT Cell/ CSE

CAT EXAM CO ORDINATOR

HOD/CSE



#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING CAT I Examination – Time Table – March 2023

		CATI	Examination – Time Ta	ble – March 2023		
Date	II YEAR CSE A	II YEAR CSE B	III YEAR CSE A	III YEAR CSE B	IV YEAR CSE A	IV YEAR CSE B
7.03.2023 (Tuesday)	GE3451- Environmental Sciences and Sustainability	CS3451- Introduction to Operating Systems	CS8651 – Internet Programming	CS8603 – Distributed System	GE8076 – Professional Ethics in Engineering	CS8080 – Information Retrieval Techniques
8.03.2023 (Wednesday)	CS3451- Introduction to Operating Systems	CS3401- Algorithms	CS8601 – Mobile Computing	CS8651 – Internet Programming	CS8080 – Information Retrieval Techniques	GE8076 – Professional Ethics in Engineering
9.03.2023 (Thursday)	CS3401- Algorithms	GE3451- Environmental Sciences and Sustainability	CS8603 – Distributed System	CS8601 – Mobile Computing		
10.03.2023 (Friday)	CS3492 – Database Management Systems	CS8491- Artificial Intelligence and Machine Learning	CS8691 – Artificial Intelligence	CS8075 – Data Warehousing and Data Mining	-	-
14.03.2023 (Tuesday)	CS3452- Theory of Computation	CS3492 – Database Management Systems	CS8602 – Compiler Design	CS8691 – Artificial Intelligence		
15.03.2023 (Wednesday)	CS8491- Artificial Intelligence and Machine Learning	CS3452- Theory of Computation	CS8075 – Data Warehousing and Data Mining	CS8602 – Compiler Design	-	_

HOD-CSE

Vice Principal

Boto Tens



SET A

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

			CAT EXAM I: MARCH 202: CS3452-THEORY OF COMPUTA					
Year	/Sem/Sec	:	II / IV /B	Date	:	08/03/	2023	
Depa	artment	:	CSE	Duration	;	3 hours		
Facu	lty	:	Mr.A.VIJAYANARAYANAN(AP/CSE)	Max. Marks	:	100		
			PART A (10	) x 2= 20)				
1.	List the ap	plicat	ions of TOC?			R	CO 1	
2.	Differentia	ate DF	A and NFA?			U	CO 1	
3.	State Thor	nson's	s rule?			R	CO 1	
4.	Define ext	Define extended transition function for a ε-NFA?						
5.	Define the term epsilon transition?						CO I	
6.	Compose the difference between the + closure and * closure?						CO 2	
7.	Define Regular Expression.						CO 2	
8.	Write the regular expression for all strings that contain no more than one occurrence of aa?						CO 2	
9.	Tabulate the null string		ular expression for the following L1=set of strin	ngs any no a's except		R	CO 2	
10.	Differentia	ate bet	ween regular expression and regular Language?			U	CO 2	
			$\underline{PART B} \qquad (5 \times 13 = 6)$	55)				
11.			r every L recognized by an NFA, there exists an me language L?  OR	n equivalent DFA		U	CO 1	
			or every L recognized by an □-NFA, there ex me language L?	ists an equivalent DF	A	U	СО	
12.		transit	A that accepts all strings that end in 01. Give its to ion function for the input string 00101. Also con		e	A	CO	
			OR					

	b). Describe the extended transition function for NFA ,DFA and $-\epsilon$ -NFA?	U	CO 1
13.	a). Explain in detail about different forms of Proofs?		CO 2
	OR	R	
	b). Demonstrate how the set $L = \{a^n b^n/n \ge 0\}$ is not a regular.?		
		A	CO 2
14.	a). Demonstrate how the set $L=\{a \ b^n/n>=1\}$ is not a regular?	A	CO 2
	OR		
	b). Construct Finite Automata equivalent to the regular expression a(a+b)* ab?	A	CO 2
15.	a).Express that the regular languages are closed under:		
	(a)union (b)intersection (c)Kleene Closure (d)Complement	U	CO2
	(e)Difference?		
	OR		
	b). i) Prove the L1 and L2 are two languages then L1- L2 is regular (7)	A	CO2
	ii) Prove the L1 and L2 are two languages then L1 . L2 is regular (6)	_	
	<u>PART C</u> (1 * 15= 15)		
	a). Construct DFA equivalent to the NFA given below		
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	A	CO1
16.	OR		
	b). Explain the DFA Minimization algorithm and minimize the below DFA		
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	A	CO1

CAT COORDINATOR

HOD (SE)

					;				
				12	E OF TECHNO	2 1			
	S.No	REG.No.	NAME		ANCE SHEET -		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	T	T
	1	411521104001	Abdul Majith A	7.3.23	8.3.23	9.3.23	10.3.23	14.3.23	15.3.23
	2	411521104002	Abishekraj K B	Al	110	All on	HOPFT	112.	110
	3	411521104003		& dent	- ARIBNER	( Bucho	C Quelio	Bush	Marshek
	4	411521104004	. 7	Adrew	Adica	AB.	al.	Adrew	Adam.
	5	411521104005	Akash Jebaraj I	D.M.	D. W.	* Oki	Plan-	A) V	Chulch
	6	411521104006		Due	Fees Dul	Faci	No:	AD	TANKS TO SERVICE STATE OF THE
	7	411521104007	Archana B	W.I.	Amhana.	3 Archani	Archam.	3 Archan I	prehenn
	8	411521104007	Arokia Anushya A	1 A. A.	A Ande	A.A.W	N D	A. Am	A. And
	9	411521104009	Arul Pandian P	Due	P. J. Park	D. Andre	- 4 Pela	DA B	10 810
	10	411521104010	Ashwin V	, M.A	. Adam	1 Ahal	ANU FUR	· VI J	MARCH.
1	11	411521104011	Bargavi A V	ALROSON	AV Bougari	A V-Bayan	ALDO CA	V. bohust	V. Hohay.
	12	411521104012	Bhuvanesh G	Pl 1	01 110	12/	1 A-V-8019a	RI I	A.V. BOYOU
	13	411521104013	Chandrakala V	1. Chandale	Bhwaneshib-	Phonopol	1.10 L. hade	Phiangel	Muaneshi.
	14	411521104015	Damodaren V	1 mod X	V-Chardreter	- Charact	V. Warahar	V- Charact	Villager
	15	411521104016	Dayana M	8.4. On 110.00	1.10.481	Art R. CAT	13/5	113	1-5
	16	411521104017	Deepak J	MiDayara	Midayana	Midayar	MiDiyam	Migrayam	Mi Dayas
	17	411521104017	Deepak Kumar K	201	a Jaloca	(1)	200	VIVA	CL CLOV.
	18	411521104020	Deepan Chakkaravarthi K	100 lan	Jr 1 4800	hotus	Vinha		TAKON A
8	19	411521104021	Devakumari S	AR 93	12.1000	AR	AD	10/03/	148
	20	411521104022	Devatharshini B	BAL	D. Dit	D.D.	P.D 1	PDA	P.D.
	21	411521104023	Dhanush V	volous	vertical	D. Donk	A. Drang	D. HO Mey.	ART
	22	411521104025	Dharani T	PLAN	1000 T	May 1	TRUT	TUDE	1000
	23	411521104027	Dinesh Chaudhary D	Airest	Binesh	DINES	Azinesh	Azinosh	Dinest
	24	411521104028	Dinesh Kumar L	50 Lake	2 December	AB	(XD)	1 Sheships	4 Tolke Muger
5	25	411521104029	Dinesh Kumar M	Mys levels	Moramula	1 Kine	Maria	Morine	M. Xelet
A. T.	26	411521104030	Dinesh Kumar S	5-Mill	5- Diropp	5 Dinesh	5 Jurah	2 Dinest	& puresh
	27	411521104031	Divya S	agh.s	Deling.	Del S	AD	AB	AB
	28	411521104032	Elakiya K	La	10della	10 Dez	1-147	28/18/2	of day
	29	50050000000 TO 10 TO	Elakya R	R-Elaluys	R-elakya.	R. Elaloya.	R. Elaleiga		R-Elaboys"
	30	411521104035	Gayathri B	goydry B	AB	AB	Clathris B.	Clayathy.	garding 13
	31		Gokul D	D. Golin	D. Gohul	Q.Gishu	D. Gohn	O. Grant	Q. Copoler
	32		Gokul R	R. Gokes	R. GokoL	R. broken	R. Croker	R. Gesky	R. Goker
	33	411521104038	Gowsalya D	AR	AB.	AB	AB	To FREAT	Dely.
	34	MIN (1997) - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	Guberan T	Thunk	Flunder	81.1	<u> </u>	777	The
	35		Hari Krishnan U	tilut.	that.	(H)	Lake	NY T	Pit to
	36		Harini M	Mr. Fresh	Mr. thinks	A. Charl	M. That	N. FL.	M. Hands

			7.3.23	8-3-13	9.3.23	10.3.23	14.3.2	3 15.3.23
37	411521104042	Harish S	So of	South	July 3	Ing.	AB	Jan Jan
38	411521104044	Ishasri P	The P	ghani.P	gehersiel	ghow.P	Therei.P	gherri.P
39	411521104045	Jagan M	M Jagar	MERM	N. Oggeta	M Jogan	M Organ	M. John
40	411521104046	Jana R	MB	AB	AB	AB	R.D	Riss
41	411521104047	Jeffrin Nelson J	111	2MJ	and,	Lhs	Thus	That
42	411521104048	Jitto M	M.J. JAN	M. Ji ++O	MICSON	-AB	M. JAHO	m. Titto
43	411521104051	Karthi S	S. KarThi	S. Kasithi	S. Hoothi	SHOOK	S-KorThi	S. Koutshi
44	411521104052	Karthika E	house.	hand	have.	A3	hang.	hade.
45	411521104053	Karthikeyan N	Kares	Kaus	Kaul	Karif	Kensh	Korp
46	411521104054	Kavitha S	tarthis	touth 8	Cavity S	taxilles.	Kauthis	Karithis
47	411521104055.	Kavitha V	Karthar	Kauithy	Kauris	Kouth	Kantov	Kay tov
48	411521104056	Keerthika M	AB.	AB	AB	173	M. Couthite	M. benthita
49	411521104057	Keerthivasan S	S. Kenty	S. Vester	S. Vere	S. Keti	s text	S. Vider
50	411521104058	Kowsalya B	B. Kurj.	B. Kury	B. Kury.	B. Koury	B. ley.	B.b.
51	411521104059	Lakshmi Priya M	rategoliya	m land	M. Lang	Mileny	ra. ralehi	my Land
52	411521104060	Lavanya B	B. Lavarya	BLAKANYA	B. Lavary	B. Lavarup	B. Lavarye	B. Lavarya
53	411521104301	Anitha M	OD	WOD!	OP	00	OD	00
54	411521104302	ATUNIAN M. DAYAMA.	OD	WALDON A	MODE	00	OD	AB
55	411521104303	Baskar C	OD.	OD!	CO	00	00	OP
56	411521104304	Christoper Daniel	Die.	10 Due	Die	AB	AB	AB
57	411521104305	Dhiyakar M	- Dog	- Dug	Dug	AB	ABA	AB
58	411521104306	Harish P	P. Mar	P. Juffer	Delph	Poffet	-D. Khaff.	- IAB
59	411521104309	MadanKishore	OD.	OD	00	OD	OD	00
60	411521104311	Pradeep Raj /	10 Pur	to Ad	topi	AB	AB	AB
61	411521104312	Praveen V	00	Co	00	00	OD.	OP.
62	411521104701	Mohamed sirajuddin	AB	AB.	AB	AB	1AB	Que
	reported 3	No. Present	52	511	49	43	48	47
	white is	No. Absent	05	6	8 1	14	09	( )
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k l		DEPARTMENT OF C	OMPU	TER SC	IENCE	AND EN		RING		
1			T I-RE	SULT A	NALYS					
- 1	CLASS / SEM:	II CSE A / IV SEM			,	BAT	CH: 202	1 - 2025	,	
s.no	REG. NO.	NAME	CS3451 OS	CS3401 AL	CS3491 AIML	CS3452 TOC	CS3492 DBMS	GE3451 ESS	No. of Sub Absent	No. of Sub failed
1	411521104001	Abdul Majith A	51	60	61	56	71	50	1	1
2	411521104002	Abishekraj K B	58	56	56	59	56	65	3	0
3	411521104003	Abinash S	15	54	55	15	37	57	0	3
4	411521104004	Adnan Mohammed S	43	61	61	50	59	89	0	1
5	411521104005	Akash Jebaraj I	58	79	70	81	71	84	0	0
6	411521104006	Annamalai M	51	64	70	50	68	73	0	0
7	411521104007	Archana B	50	51	59	43	54	71	0	1
8	411521104008	Arokia Anushya A	7	56	3	12	56	16	2	6
9	411521104009	Arul Pandian P	53	51	67	62	56	70	1	1
10	411521104010	Ashwin V	51	60	61	56	71	66	1	1
11	411521104011	Bargavi A V	21	50	50	10	53	53	0	2
12	411521104012	Bhuvanesh G	56	33	24	12	11	56	2	6
13	411521104013	Chandrakala V	56	70	78	89	56	85	2	2
14	411521104015	Damodaren V	16	50	59	7	15	56	0	3
15	411521104016	Dayana M	16	19	56	7	25	56	2	6
16	411521104017	Deepak J	63	64	78	80	72	87	0	0
17	411521104018	Deepak Kumar K	43	51	53	17	36	68	0	3
18	411521104020	Deepan Chakkaravarthi K	47	50	60	22	45	63	0	3
19	411521104021	Devakumari S	57	41	68	58	70	77	0	1
20.	411521104022	Devatharshini B	51	29	50	28	31	50	0	3
21 22	411521104023	Dhanush V Dharani T	69 47	54 33	50	50	56	74	0	0
23	411521104025		37	12	58 59	61	41 50	51 60	0	3
23	411521104027	Dinesh Chaudhary D Dinesh Kumar L	63	38	41	6	22	59	0	4
25.	411521104029	Dinesh Kumar M	31	21	52	8	20	18	0	5
26	411521104030	Dinesh Kumar S	63	64	69	65	54	75	0	0
28	411521104032	Elakiya K	21	60	33	5	51	15	0	4
29			8	56	37	57	56	38	2	5
30	411521104035	Gayathri B	3	30	56	4	7	12	1	6
31	411521104036	Gokul D	57	76	72	60	71	91	0	0
32	411521104037		59	73	73	74	75	79	0	0
33	411521104038	Gowsalya D	67	45	10	50	56	19	1	4
34	411521104039	Guberan T	. 37	36	36	50	45	54	0	4
35	411521104040	Hari Krishnan U	50	54	51	27	50	69	0	1
36	411521104041	Harini M	58	70	59	53	59	75	0	0
37	411521104042	Harish S	40	29	50	13	36	32	0	5
38	411521104044	Ishasri P	58	63	71	28	54	70	0	1
39	411521104045	Jagan M	50	50	69	30	56	74	0	1
40	411521104046	Jana R	71	51	51	16	43	35	0	3
41	411521104047	Jeffrin Nelson J	69	50	50	52	50	57	0	0
42	411521104048	Jitto M	51	56	56	21	56	11	3	5
43.	411521104051	Karthi S	50	19	12	56	5	2	2	6
44	411521104052	Karthika E	35	50	60	56	50	66	0	1
45	411521104053	Karthikeyan N	27	36	61	39	29	30	0	5
46	411521104054	Kavitha S	73	74	56	56	17	56	2	3
47	411521104055	Kavitha V	28	31	31	15	35	13	0	6
48.	411521104056	Keerthika M	26	50	44	56	27	56	1	4
49.	411521104057	Keerthivasan S	44	60	58	50	54	68	0	1
50.	411521104058	Kowsalya B	67	59	68	78	50	81	0	0
51.	411521104059	Lakshmi Priya M	71	51	51	56	89	67	0	0

52	411521104060	Lavanya B	40	54	65	21	50	61	0	2
53	LATERAL	Arun	62	59	56	40	35	81	0	2
54	LATERAL	Christoper Danier	51	53	57	25	50	74	0	1
55	55 LATERAL Harish P		51	53	57	25	50	74	6	7
56	56 LATERAL Pradeep Raj		30	56	20	22	56	10	2	6
57	57 LATERAL Dhivakar M		54	34	68	21	22	66	0	3
58	58 LATERAL Mohamed sirajuddin		35	56	39	20	56	41	2	6
59	LATERAL	Anitha M	12	12	73	74	56	16	0	3
60	LATERAL	Baskar C	43	51	53	17	36	50	1	4
61	LATERAL	Madan Kishore	47	50	60	56	45	56	6	8
62	LATERAL	Praveen V	51	53	57	25	50	74	6	7
- 1	P	resent	61	61	61	61	61	61	6	
	A	bsent	0	0	0	0	0	0	6	
	P	assed	34	44	49	30	38	46	6	
	Failed			17	12	31	23	15	6	
Pass Percentage(with Total Strength)			54.8	71	79	48.4	61.3	74.2	6	
Pass Percentage (with Absentees Count)				72.1	80.3	49.2	62.3	75.4	6	
No. Of Students Passed in all the Subjects				12						
2.	Overa	17.91								



#### PERI Institute of Technology

#### Academic Year 2022 – 2023 (EVEN Semester)

#### Department of Computer Science Engineering

PERI / 2022 -23 / EVEN / CSE / 04

Date: 18.03.2023

#### CIRCULAR

Dear Faculty Members,

This to inform you that Retest for CAT I examination starts from 20<sup>TH</sup> March, 2023 (Monday) onwards. The faculties handling II, III, and IV year are asked to prepare question paper for each handling subjects. Kindly send the question papers to this mail id: catexamcse@gmail.com

Timing: 3:45 PM TO 5:15 PM

QP Pattern for II, III and IV year

Portion: 1st and 2nd Units

Max. Marks: 50

Duration: 1 Hour 30 Mins Part A: 5 Questions (2 marks)

Part B: 4 Questions (10 marks) with choice

**Encl:** 1.Question paper Template.

2. Time table

Regards

CAT Cell/ CSE

CAT EXAM CO ORDINATOR

HODYGEE

# PER INSTITUTE OF TECHNOLOGY

#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING CAT – I Retest Time Table – March 2023

		CHI	-1 Ketest Time Table	- March 2023		
Date	II YEAR CSE A	II YEAR CSE B	III YEAR CSE A	III YEAR CSE B	IV YEAR CSE A	IV YEAR CSE B
20.03.2023 (Monday)	CS3451- Introduction to Operating Systems	CS3451- Introduction to Operating Systems	CS8691 – Artificial Intelligence	CS8075 – Data Warehousing and Data Mining	CS8080 – Information Retrieval Techniques	CS8080 – Information Retrieval Techniques
21.03.2023 (Tuesday)	CS3452- Theory of Computation	CS3452- Theory of Computation	CS8602 – Compiler Design	CS8603 – Distributed System	GE8076 – Professional Ethics in Engineering	GE8076 – Professional Ethics in Engineering
22.03.2023 (Wednesday)	GE3451- Environmental Sciences and Sustainability	CS3492 – Database Management Systems	CS8651 – Internet Programming	CS8601 – Mobile Computing		
23.03.2023 (Thursday)	CS3492 – Database Management Systems	CS3401- Algorithms	CS8601 – Mobile Computing	CS8691 – Artificial Intelligence		
24.03.2023 (Friday)	CS3401- Algorithms	CS8491- Artificial Intelligence and Machine Learning	CS8603 – Distributed System	CS8602 – Compiler Design	<del></del>	<del></del>
25.03.2023 (Saturday)	CS8491- Artificial Intelligence and Machine Learning	GE3451- Environmental Sciences and Sustainability	CS8075 – Data Warehousing and Data Mining	CS8651 – Internet Programming	, 	

CAT COORDINATOR 18/3

HODESE

# PERI Institute of Technology Academic Year 2022 – 2023 (EVEN Semester) Department of Computer Science Engineering

PERI / 2022 -23 / EVEN / CSE / 05

Date:06.04.2023

#### **CIRCULAR**

All the students are informed that the Second Continuous Assessment Test (CAT 2) will be conducted from 11<sup>th</sup> April 2023 to 19<sup>th</sup> April2023.

#### **Important Note to students:**

- ❖ The students must be present in the class before 8.30AM
- ❖ The exam starts by 8:45 AM and ends by 11.45 AM.
- Late comers will not be strictly allowed to write the test.
- The students must bring their required stationeries
- The students are instructed to write their name and register number correctly on the top right corner of the answer sheet.
- ❖ The portions for the test will be 3<sup>rd</sup> & 4<sup>th</sup> unit.

Encl: CAT 2(TT)

Man-lise

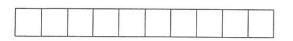
# PERIOR INSTITUTE OF TECHNOLOGY

#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING CAT – II Time Table – April 2023 (Revised)

CAT - II Time Table - April 2023 (Revised)									
Date	II YEAR CSE A	II YEAR CSE B	III YEAR CSE A	III YEAR CSE B	IV YEAR CSE A	IV YEAR CSE B			
11.04.2023 (Tuesday)	CS3451- Introduction to Operating Systems	CS8491- Artificial Intelligence and Machine Learning	CS8601 – Mobile Computing	CS8603 – Distributed System	CS8080 — Information Retrieval Techniques	CS8080 — Information Retrieval Techniques			
12.04.2023 (Wednesday)	CS3401- Algorithms	CS3451- Introduction to Operating Systems	CS8603 – Distributed System	CS8651 – Internet Programming					
13.04.2023 (Thursday)	CS3492 – Database Management Systems	CS3401- Algorithms	CS8651 – Internet Programming	CS8075 – Data Warehousing and Data Minin					
15.04.2023 (Saturday)	CS3452- Theory of Computation	CS3492 – Database Management Systems	CS8075 – Data Warehousing and Data Mining	CS8601 – Mobile Computing					
18.04.2023 (Tuesday)	GE3451- Environmental Sciences and Sustainability	CS3452- Theory of Computation	CS8602 – Compiler Design	CS8691 — Artificial Intelligence	GE8076 – Professional Ethics in Engineering	GE8076 – Professional Ethics in Engineering			
19.04.2023 (Wednesday)	CS8491- Artificial Intelligence and Machine Learning	GE3451- Environmental Sciences and Sustainability	CS8691 – Artificial Intelligence	CS8602 – Compiler Design	* 1— /				

CAT COORDINATOR

HOPTICSE





Reg. no.:

SET A

#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CAT EXAM II: APRIL 2023

**CS3452-THEORY OF COMPUTATION** 

Year/Sem/Sec

: II / IV/ B

Date

: 18.04.2023

Department

: CSE

Duration

: 3 hours

Faculty

: Mr.A.VIJAYANARAYANAN(AP/CSE)

Max. Marks

: 100

PART A

 $(10 \times 2 = 20)$ 

1.	Define ambiguous grammar and CFG?	R	CO 3
2.	Examine the string aaabbabbba for the Grammar G with S→aB bA A →a aS bAA B →b bS aBB	A	CO 3
3.	Examine whether a pushdown automata has a memory?	U	CO 3
4.	What is Instantaneous Descriptions ( ID )?	R	CO 3
5.	Illustrate the rightmost derivation (a+b)*c for using the grammar and also state whether a given grammar is ambiguous one or not. E→E+E/E*E/(E)/id	A	CO 3
6.	What are the three ways to simplify a context free grammar?	R	CO 4
7.	State the pumping lemma for CFL	R	CO 4
8.	When is a function f said to be Turing computable?	U	CO 4
9.	List the primary objectives of TM?	U	CO 4
10.	What are the differences between a Finite automata and a Turing machine?	U	CO 4

a). Design a PDA to accept {0n1n n>1}. Draw the transition diagram for the PDA. Show by instantaneous description that the PDA accepts the strings 0011*.  OR  OR  A CO 3  D. Let G=(V,T,P,S) be a Context Free Grammar then prove that if the recursive inference procedure call tells us that terminal string W is in the language of variable A, then there is a parse tree with a root A and yield w.?  12. a). Solve the following grammar S⇒aAa   bBb   BB A⇒ C B⇒ S   A C→ S   s for the string abaaba .Give i) Left most derivation ii) Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S→aSbb S→aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S>bA/aB E A>bAA/aS/a B>aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). CO 4				
11. OR b). Let G=(V,T,P,S) be a Context Free Grammar then prove that if the recursive inference procedure call tells us that terminal string W is in the language of variable A, then there is a parse tree with a root A and yield w.?  12. a). Solve the following grammar S→aAa   bBb   BB A→ C B→ S   a for the string abaaba .Give i) Left most derivation ii) Left most derivation iii) Bright most derivation iii) Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S→aSbb S→aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S→bA/aB E A→bAA/aS/a B→aBB/bS/b OR b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S→XA\BB B→b\SB X→b OR b). Explain in detail about the various programming techniques of Turing Machine		a). Design a PDA to accept {0n1n n>1}. Draw the transition diagram for the PDA.		
11. b). Let G=(V,T,P,S) be a Context Free Grammar then prove that if the recursive inference procedure call tells us that terminal string W is in the language of variable A, then there is a parse tree with a root A and yield w.?  12. a). Solve the following grammar S → aAa   bBb   BB A → C B → S   a C → S   ε for the string abaaba .Give i) Left most derivation ii)Right most derivation iii)Berivation Tree iv) For the string abaabbba, find the right most derivation OR  b). Describe the PDA that accept the given CFG S → aSbb S → aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S > bA/aB E A > bAA/aS/a U CO 4  B > aBB/bS/b U CO 4  B > aBB/bS/b  OR  b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable .  14. a). Convert the following grammar G into Greibach Normal Form S > XA\BB B - b\SB X > b  OR  b). Explain in detail about the various programming techniques of Turing Machine		Show by instantaneous description that the PDA accepts the strings'0011'.		
b). Let G=(V,T,P,S) be a Context Free Grammar then prove that if the recursive inference procedure call tells us that terminal string W is in the language of variable A, then there is a parse tree with a root A and yield w.?  12.  a). Solve the following grammar S→aAa   bBb   BB A→ C B→ S   A C→ S   ε for the string abaaba .Give i) Left most derivation ii)Right most derivation iii)Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S→ aSbb S→ aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S>bA/aB E A>-bAA/aS/a B->aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0.1}* as unsolvable .  14. a). Convert the following grammar G into Greibach Normal Form S>XA\BB B>b\SB X>b OR b). Explain in detail about the various programming techniques of Turing Machine	11	OR	A	CO 3
variable A , then there is a parse tree with a root A and yield w.?  12. a). Solve the following grammar S→aAa   bBb   BB A→ C B→ S   A C→ S   ɛ for the string abaaba .Give i) Left most derivation ii)Right most derivation iii)Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S→aSbb S→aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S→bA/aB E A→bAA/aS/a B→aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable .  14. a). Convert the following grammar G into Greibach Normal Form S→XA\BB B→b\SB X→b OR b). Explain in detail about the various programming techniques of Turing Machine	11.	b). Let G=(V,T,P,S) be a Context Free Grammar then prove that if the recursive	A	CO 3
12. a). Solve the following grammar S → aAa   bBb   BB A → C B → S   a for the string abaaba .Give i) Left most derivation ii) Right most derivation iii) Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S → aSbb S → aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S → bA/aB E A → bAA/aS/a B → aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S → XA\BB B → b\SB X → b OR b). Explain in detail about the various programming techniques of Turing Machine		inference procedure call tells us that terminal string W is in the language of		
S⇒aAa   bBb   BB  A⇒ C  B⇒ S   A  C→ S   z for the string abaaba .Give  i) Left most derivation  ii) Right most derivation  iii) Derivation Tree  iv) For the string abaabbba, find the right most derivation  OR  b). Describe the PDA that accept the given CFG S→aSbb S→aab  13.  a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar:  S→bA/aB E  A→bAA/aS/a  B→aBB/bS/b  OR  b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14.  a). Convert the following grammar G into Greibach Normal Form  S→SAA/BB  B→b\SB X→b  OR  b). Explain in detail about the various programming techniques of Turing Machine		variable A, then there is a parse tree with a root A and yield w.?		
A → C B → S   A C → S   ε for the string abaaba .Give i) Left most derivation ii) Right most derivation iii) Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S → aSbb S → aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S > bA/aB E A > bAA/aS/a B → aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable .  14. a). Convert the following grammar G into Greibach Normal Form S > XA\BB B > b\SB X > b OR b). Explain in detail about the various programming techniques of Turing Machine	12.	a). Solve the following grammar		
B⇒ S   A  C ⇒ S   ɛ for the string abaaba .Give  i) Left most derivation ii) Right most derivation iii) Por the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S → aSbb S → aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S->bA/aB E  A->bAA/aS/a B->aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable .  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b). Explain in detail about the various programming techniques of Turing Machine		S→aAa   bBb   BB		
C → S   ε for the string abaaba . Give  i) Left most derivation ii) Right most derivation A CO 3 iii) Right most derivation OR b). Describe the PDA that accept the given CFG S → aSbb S → asbb S → asb S → asb S → asb S → asb D A  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S->bA/aB E A->bAA/aS/a B->aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable .  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b). Explain in detail about the various programming techniques of Turing Machine		$A \rightarrow C$		
i) Left most derivation ii)Right most derivation ii)Right most derivation OR b). Describe the PDA that accept the given CFG S → aSbb S → aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S->bA/aB E A->bAA/aS/a B->aBB/bS/b OR b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable .  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b).Explain in detail about the various programming techniques of Turing Machine		$B \rightarrow S \mid A$		
ii)Right most derivation iii)Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S→ aSbb S→ aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S->bA/aB E A->bAA/aS/a B->aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable .  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b). Explain in detail about the various programming techniques of Turing Machine		$C \rightarrow S \mid \epsilon$ for the string abaaba .Give		
ii)Right most derivation iii)Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S→ asbb S→ aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S->bA/aB E A->bAA/aS/a B->aBB/bS/b OR b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b).Explain in detail about the various programming techniques of Turing Machine		i) Left most derivation	A	CO 3
iii)Derivation Tree iv) For the string abaabbba, find the right most derivation OR b). Describe the PDA that accept the given CFG S→ aSbb S→ aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S->bA/aB E A->bAA/aS/a B->aBB/bS/b OR b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b).Explain in detail about the various programming techniques of Turing Machine		ii)Right most derivation	No.	
OR b). Describe the PDA that accept the given CFG S → aSbb S → aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S->bA/aB E A->bAA/aS/a B->aBB/bS/b OR b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b). Explain in detail about the various programming techniques of Turing Machine		iii)Derivation Tree		
b). Describe the PDA that accept the given CFG S→aSbb S→aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S->bA/aB E A->bAA/aS/a B->aBB/bS/b OR b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b).Explain in detail about the various programming techniques of Turing Machine		iv) For the string abaabbba, find the right most derivation		
S → aSbb S → aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar: S-bA/aB E  A-bAA/aS/a  B->aBB/bS/b  OR  b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B-b\SB X->b  OR  b).Explain in detail about the various programming techniques of Turing Machine		OR		
S → aab  13. a). Write the procedure to find CNF of CFG and also determine an equivalent grammar in CNF for the grammar:  S->bA/aB E  A->bAA/aS/a  B->aBB/bS/b  OR  b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form  S->XA\BB  B->b\SB  X->b  OR  b).Explain in detail about the various programming techniques of Turing Machine		b). Describe the PDA that accept the given CFG	<	
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S->bA/aB E  A->bAA/aS/a  B->aBB/bS/b  OR  b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form  S->XA\BB  B->b\SB  X->b  OR  b).Explain in detail about the various programming techniques of Turing Machine	10.	•		
A->bAA/aS/a B->aBB/bS/b  OR  b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b  OR  b).Explain in detail about the various programming techniques of Turing Machine				
B->aBB/bS/b  OR  b).State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB  B->b\SB  X->b  OR  b).Explain in detail about the various programming techniques of Turing Machine			TI.	COA
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b). State the halting problem of TMs. Prove that the halting problem of TM over {0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form S->XA\BB B->b\SB X->b OR b). Explain in detail about the various programming techniques of Turing Machine			U	004
{0,1}* as unsolvable.  14. a). Convert the following grammar G into Greibach Normal Form  S->XA\BB  B->b\SB  X->b  OR  b). Explain in detail about the various programming techniques of Turing Machine				
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S->XA\BB B->b\SB X->b  OR  OR  b).Explain in detail about the various programming techniques of Turing Machine	1.4			
B->b\SB X->b  OR  b).Explain in detail about the various programming techniques of Turing Machine	14.	1	5	
X->b  OR  b).Explain in detail about the various programming techniques of Turing Machine				
OR  b). Explain in detail about the various programming techniques of Turing Machine		a a'	A	CO 4
b). Explain in detail about the various programming techniques of Turing Machine			A	CO 4
with suitable egs?				
		with suitable egs?		

15.	a). Construct the Turing machine for the language $L = \{1n0 \ n \ 1 \ n \   n >=1 \}$ ?	į.	
	OR	A	CO 4
	b). Design a TM to accept the language L0 n 1 n /n>=1} and stimulate its action on	A	CO 4
	the input 0011.		
	<u>PART C</u> $(1 * 15= 15)$		
	a)Convert the following CFG to PDA and analyze the answer (a+b) and a++.		
	I→a b Ia Ib I0 I1		
16.	$E \rightarrow I E+E E*E (E)$	A	CO3
10.	OR	A	CO3
_	b). If L is a CFL then prove that there exists PDA M, such that L=N(M),		
	language accepted by empty stack.		

CAT Coordinator

HODICSE

PERI INSTITUTE OF TECHNOLOGY

	II C	SEA CATIL	05	Al	PBMS	TOC	ESS	AIML
S.No	REG.No	NAME	11/4/23	12/4/28	13-4-23	18-4-23	19-4-23	20-4-23
1.	411521104001	Abdul Majith A	Hodie in the	ut body nit	A bout Maj PA	MOTITA	AB	Jack Confl
2	411521104002	Abishekraj K B	Abisho	Abuh	& Abiskel	Ah chil	Michael	Alaishel
3	411521104003	Abinash S	dend	dring	A	dunk	dund	Lund
4	411521104004	Adnan Mohammed S	Adom .	Almah	Advant	Alra	. Adros -	(AB)
5	411521104005	Akash Jebaraj I	ar	ak	Q.Kr	aly.	* aly	THE
6	411521104006	Annamalai M	(Now 1)	Dis . Y	Aver!	aux"	Duy!	X. Zun
7	411521104007	Archana B	du	Au	duis	Aui	Dui-	Au
8	411521104008	Arokia Anushya A	A:A+	A.A.	AIAMI	A.A.	AB	(A-B)
9	411521104009	Arul Pandian P	Jugat F	Traffer P	In By 9	See Per P	Au Palm P	And Ruh P
10	411521104010	Ashwin V	· Arbet. V	Ahud. V	Ahred V	ALA.V	Advat. V	Asheel V
11 (	411521104011	Bargavi A V	AV-Baygav	A.V BOYSAV	AURA YOU		AL-ROYAN	Ay Bargavi
2	411521104012	Bhuvanesh G	Bhuaneshi	(AB)	The state of the s		Bhumesh &	
13 \$	411521104013	Chandrakala V	V. Chandrakal	W. Blandisk		A.V. Thundrakab		
14 <	411521104015	Damodaren V	V. Doll	(AB)	V.Doll	V. Dorld	V.Dotal	(AB)
15 (	411521104016	Dayana M	M. Dayana	MiDrejana	M. Dryan	e Madayana	Wonyana	M. Dryard
16	411521104017	Deepak J	Donki	Deal	Dupin	Deput	Dolla	Jahin.
17 (	411521104018	Deepak Kumar K	her below	W Digety	EL MARY	4.1.34 20	1. Valor	LIMOR
18	411521104020	K. Dorepan Chakkar	Tholes	kgars.	\$ Of 03	AB	K-0.000	KODE
19	411521104021	Devakumari-S	(AB)	(AB)	AB.	AB	AB	(48)
20	411521104022	Devatharshini B	B.D.A	B.D.	B. D. 4	8.D.A	B.D.	Bons
. 21	411521104023	Dhanush V	V. Dharush	* Dharush	riplanch	v Dlough	V. Dhamb	I showeth.
22	411521104025	Dharani T	Wast T	D.T.	DIT.	T- 200	ORAT.	WALT
23	411521104027	Dinesh Chaudhary D	Diresh	Mask	Dinesta	Janesh	Dings	(ASSO) 01
24	411521104028	Dinesh Kumar L	[ JAKKIN]	2.50	d'allery	dojustaj	Lowenry	1 strash with
25	411521104029	Dinesh Kumar M	Kleman.	Kienvar	Lumai	1) chemin	hunk	Dum
26	411521104030	Dinesh Kumar S	S. Dunelly	S. Linesh	S'Dinolly	3 Linear	S DURIN	Sidiner
27	411521104031	Divya S	Ashs	DSINS	Dollis	Denis	Oshs	D84.5
.28	411521104032	Elakiya K	10 Claby	Collabya	K. Flaly	AB	wetakin.	pr. Flakider
29	411521104033	Elakya R	Richarda.	R Elalys	RElatinga	R. Elateya	R. Haldya.	RElavija
30	411521104035	Gayathri B	GPMOHY-B	eladotrid. B	Clarested. B	Gayathri. B	Egayathin'B	gayothni.B
31	411521104036	Gokul D	Come o	Gold :0	Stolet 2	Goland : 2	Golan (1)	Goland. D
32	411521104037	Gokul R	R. Grokul	R. Gookul		R.GokuL	R. Gokul	R'Groker
33	411521104038	Gowsalya D	(AB)	AB	Digit.	Defry.	Dogut	Dice .
34	411521104039	Guberan T	Thus	Throng	7. Vien	Films	T. Muse	Foly
35	411521104040	Hari Krishnan U	Dist.	letter.	(b)	Blok.	Bluff	all
36		Harini M	Mr. Mint	Mr. Hard	Mr. Flory,	M. Jul	Mr. Glmf	JK. Hung
37	411521104042	Harish S	At I	SHO3 ROY	A STATE OF THE STA	and the second	Hong	Story
38	411521104044	Ishasri P		ghani.P	Isheri P	Ishani P	gherry. P	gsheri . P
39	411521104045	Jagan M	M. Jagar.	M. Jagan .	M. Jogan	en Jagan	M. Jagan.	M. Tegan
40	411521104046	Jana R	B. 15	R.13	Rise	Right	B. Is	R. B
41	411521104047	Jeffrin Nelson J	and in	delle	414	1111	411	(AB)

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42	411521104048	Jitto M	MIC. DM	*9. Jitto	M. Titte	M. Titte	M Jitto &	MJILLO
43	411521104051	Karthi S	S. Kooithi	S- KronThe			S. Kon Twe	S. Karihi
44	411521104052	Karthika E	KMB.	hoise	Kase	hard	Kaja	his.
45	411521104053	Karthikeyan N	Kant	Kawit	sound	Dans.	Kans	Kour
46	411521104054	Kavitha S	Kanton. 5	Lasithas S	Louithas		Kenthos	Kavithe S
47	411521104055	Kavitha V	Kowith V	Knuitas	Kauden	Kreuthor	Kouth	Kay to
48	411521104056	Keerthika M	(AB)	(ZA	AB			M. Josthila
49	411521104057	Keerthivasan S	S. Kee	Sile	Silver	5.1	Sike	Sit
50	411521104058	Kowsalya B	Bikousi	B. Kony	B.Koust.	B. Kony.	B. Kung.	B. Kund.
51	411521104059	Lakshmi Priya M	Missila	M. Gostma.	M. bolip	M. LBiva	Milyagh	m Bil
52	411521104060	Lavanya B	B. Lavarya	B. Lavarya	B. Lavarup	B.Lavarya	B. Lavaring	B. Lavama
53.	411521104301	Anitha M	00	OD	ODM	00	OP	00
54.4	411521104302	Arun	AB.	AB	OB (AB	) AB	AB	AB
55	411521104303	Baskar C	00	90		OD	OP	00
56	411521104304	Christoper Daniel	AB	(AB)	(AD)	c. CD.	V COD .	2000
57	411521104305	Dhivakar M	(AB)	Thought.		Q15	AB	1 AB
58	411521104306	Harish P	P. Juffer	P. Migh.	P. Shiple	P. Jugh	Popula	TAB
59	411521104309	MadanKishore	000	(DO)	OD	(M)	OD	1.00
60	411521104311	Pradeep Raj	र्कार.	topolot.	£050	1955	AB	455
61	411521104312	Praveen V	00	OD	aD.	00	0 0	700
62	411521104701	Mohamed sirajuddin⊗n	Juj	duj'	duj.	offery.	des	dry
		P :	53	54	5453	SA	52	<u> </u>
	A Comment	A	05	:05	054	4	6	
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# PERI INSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CAT II-RESULT ANALYSIS

	CLASS / SEM:	II CSE A / IV SEM				BAT	CH: 202	1 - 2025		
s.no	REG. NO.	NAME	CS3451 OS	CS3401 AL	CS3491 AIML	CS3452 TOC	CS3492 DBMS	GE3451 ESS	No. of Sub Absent	No. of Sub failed
1	411521104001	Abdul Majith A	66	30	56	50	10	40	1	4
2	411521104001	Abishekraj K B	27	56	56	29	56	65	3	5
3	411521104002	Abinash S	15	31	44	15	37	57	0	5
4	411521104003	Adnan Mohammed S	43	61	61	50	59	89	0	1
5	411521104004	Akash Jebaraj I	58	79	70	81	71	84	0	0
6	411521104005	Annamalai M	51	64	70	50	68	73	0	0
7	411521104007	Archana B	50	51	59	43	54	71	0	1
_	411521104007	Arokia Anushya A	7	56	3	12	56	16	2	6
9		Arul Pandian P	53	51	67	62	56	70	1	1
	411521104009	Ashwin V	51	60	61	56	71	66	1	1
10	411521104010		21	50	50	10	53	53	0	2
11	411521104011	Bargavi A V	56	33	24	12	11	56	2	6
12	411521104012	Bhuvanesh G	56	70	78	89	56	85	2	2
13	411521104013	Chandrakala V	16	50	59	7	15	56	0	3
14	411521104015	Damodaren V	16	19	56	7	25	56	2	6
15	411521104016	Dayana M				80	72	87	0	0
16	411521104017	Deepak J	63	64	78		36	68	0	3
17	411521104018	Deepak Kumar K	43	51	53	17	A 1/37 De 102 St. 11 -		0	3
18	411521104020	Deepan Chakkaravarthi K	47	50	60	22	45	63		1
19	411521104021	Devakumari S	57	41	68	58	70	77	0	
20	411521104022	Devatharshini B	51	29	50	28	31	50	0	3
21	411521104023	Dhanush V	45	54	50	50	56	74	0	1
22	411521104025	Dharani T	47	33	58	61	41	51	0	3
23	411521104027	Dinesh Chaudhary D	37	12	59	61	50	60	0	2
24	411521104028	Dinesh Kumar L	41	38	41	6	22	59	0	5
25	411521104029	Dinesh Kumar M	31	21	52	8	20	18	0	5
26	411521104030	Dinesh Kumar S	63	64	69	65	54	75	0	0
28	411521104032	Elakiya K	21	6	33	5	11	15	0	6
29	411521104033	Elakya R	8	56	37	19	56	38	2	6
30	411521104035	Gayathri B	3	1	56	4	7	12	1	6
31	411521104036	Gokul D	57	76	72	60	71	91	0	0
32	411521104037	Gokul R	59	73	73	74	75	79	0	0
33	411521104038	Gowsalya D	0	0	10	0	56	19	1	6
34	411521104039	Guberan T	37	36	36	50	45	54	0	4
35.	411521104040		50	54	51	27	50	69	0	1
36	411521104041	Harini M	58	70	59	53	59	75	0	0
37	411521104041	Harish S	40	29	50	13	36	32	0	5
38	411521104042	Ishasri P	OD	63	71	28	54	70	0	1
		Jagan M	50	50	69	30	56	74	0	1
39	411521104045		44	51	51	16	1	9	0	4
40	411521104046	Jana R Jeffrin Nelson J	28	50	50	52	50	57	0	1
41	411521104047		22	56	56	21	56	11	3	6
42	411521104048	Jitto M	34	19	12	56	5	2	2	7
43	411521104051	Karthi S	35	50	60	56	50	66	0	1
44	411521104052	Karthika E	27	36	61	39	29	30	0	5
45.	411521104053	Karthikeyan N		15	17	56	17	56	2	6
46	411521104054	Kavitha S	18	31	31	15	35	13	0	6
47	411521104055	Kavitha V	28			56	27	56	1	4
48	411521104056	Keerthika M	26	50	44				0	1
49	411521104057	Keerthivasan S	44	60	58	50	54	68	0	2
50	411521104058	Kowsalya B	49	59	68	36	50	81		0
51	411521104059	Lakshmi Priya M	52	73	74	56	71	88	0	U

52	411521104060	Lavanya B	40	54	65	1 21	50	T	7	
53	LATERAL	Arun	62	59	56	21	50	61	0	2
54	LATERAL	Christoper Danier	51			40	35	81	0	2
55	LATERAL	Harish P		53	57	25	50	74	0	1
56	LATERAL		51	53	57	25	50	74	6	7
57	LATERAL	Pradeep Raj	30	56	20	22	56	10	2	6
58		Dhivakar M	54	34	68	21	22	66	0	3
59	LATERAL	Mohamed sirajuddin	35	56	39	20	56	41	2	6
-	LATERAL	Anitha M	12	12	7	4	12	16	0	6
60	LATERAL	Baskar C	43	51	53	17	36	44	1	
61	LATERAL	Madan Kishore	47	50	60	22	45		1	5
62	LATERAL	Praveen V	57	41	68	58	70	56	6	9
	Pr	esent	61	61	61	61		34	6	8
	Al	bsent	0	0		-	61	61	6	
		issed	-	-	0	0	0	0	6	
			23	39	46	25	35	43	6	
Failed		37	22	15	36	26	18	6		
Pass Percentage(with Total Strength)			37.1	62.9	74.2	40.3	56.5	69.4	6	
Pass Percentage (with Absentees Count)		37.7	63.9	75.4	41	57.4				
No. Of Students Passed in all the Subjects			8						6	
1.	Overal	1		11	1.94					

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#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CAT - II Retest Time Table - April 2023

			TI Ketest time labi	e = April 2023		
Date 1	II YEAR CSE A	II YEAR CSE B	III YEAR CSE A	III YEAR CSE B	IV YEAR CSE A	IV YEAR CSE B
24.04.2023 (Monday)	CS3451- Introduction to Operating Systems	CS3451- Introduction to Operating Systems	CS8603 – Distributed System	CS8651 – Internet Programming	CS8080 – Information Retrieval Techniques	CS8080 – Information Retrieval Techniques
25.04.2023 (Tuesday)	CS3452- Theory of Computation	CS3452- Theory of Computation	CS8601 – Mobile Computing	CS8603 – Distributed System	GE8076 – Professional Ethics in Engineering	GE8076 – Professional Ethics in Engineering
26.04.2023 (Wednesday)	GE3451- Environmental Sciences and Sustainability	CS3492 – Database Management Systems	CS8651 – Internet Programming	CS8691 – Artificial Intelligence		_
27.04.2023 (Thursday)	CS3492 – Database Management Systems	CS3401- Algorithms	CS8602 – Compiler Design	CS8601 – Mobile Computing		
28.04.2023 (Friday)	CS8491- Artificial Intelligence and Machine Learning	CS8491- Artificial Intelligence and Machine Learning	CS8691 – Artificial Intelligence	CS8602 – Compiler Design		
29.04.2023 (Saturday)	CS3401- Algorithms	GE3451- Environmental Sciences and Sustainability	CS8075 – Data Warehousing and Data Mining	CS8075 – Data Warehousing and Data Mining		-

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# PERI Institute of Technology Academic Year 2022 – 2023 (EVEN Semester)

Department of Computer Science Engineering

PERI / 2022 -23 / Even / CSE / 08

Date: 25.4.23

#### **CIRCULAR**

All students are informed that the Model examination will be conducted from 2<sup>th</sup> May 2023 to 19<sup>th</sup> May 2023.

#### Important Note to students:

- For each subject coaching will be conducted as per the schedule and at the **fourth** day afternoon session Model exam will be conducted.
- Coaching will be conducted in the morning Session at 8.30-10.30am followed by revision test at 10:45-11:45 am and Coaching will be conducted in the Afternoon session from 12:30-2:30PM followed by revision test at 2:45-3:45.
- The students must be present in the class before 8.30AM
- Late comers will not be strictly allowed to write the test.
- The students must bring their required stationeries
- The students are instructed to write their name and register number correctly in the answer sheet.
- \* The portion for model exam will be units 1 to 5.

Encl: Model (TT)

CAT EXAM CO-ORDINATOR

HODICSE

#### PERI INSTITUTE OF TECHNOLOGY

COACHING CLASS PLAN (2022-203 EVEN SEM)

Date/Hours					2022-202	EVEN SEMI)	T	Acceptance and a second a second and a second a second and a second and a second and a second and a second an	Ι	
Date/Hours		II A		II B		III A		III B	IV.	A&B
2-May-23	AIML	DBMS	AL	AIML	AI	DS	DWDM	IP		
3-May-23	DBMS	AIML	AIML	AL	DS	AI	IP	DWDM		
5-May-23	AIML	DBMS	AL	AIML	AI	DS	DWDM	IP		
6-May-23	DBMS	DBMS Model	AIML	AIML Model	DS	DS Model	IP	IP Model		
8-May-23	AIML	AIML Model	AL	AL Model	AI	AI Model	DWDM	DWDM Model		
9-May-23	OS	TOC	TOC	DBMS	MC	DWDM	CD	MC	IRT	PE
10-May-23	TOC .	OS	DBMS	TOC	DWDM	MC	MC	CD	PE	IRT
11-May-23	OS	TOC	TOC	DBMS	MC	DWDM	CD	MC	IRT	PE
12-May-23	OS	OS Model	TOC	TOC Model	DWDM	DWDM Model	MC	MC Model	PE	PE MODEL
13-May-23	TOC	TOC Model	DBMS	DBMS Model	MC	MC Model	CD	CD Model	IRT	IRT MODEL
16-May-23	ESS	AL	os	ESS	IP	CD	DS	AI		
17-May-23	AL	ESS	ESS	OSM	CD	IP	AI	DS		
18-May-23	ESS	ESS Model	os	OS Model	IP	IP Model	DS	DS Model		
19-May-23	AL	AL Model	ESS	ESS Model	CD	CD Model	AI	AI Model		





		PERI	INSTITUTE OF TECHNOLOGY
		DEPARTMENT OF	COMPUTER SCIENCE AND ENGINEERING
CLAS	S / SEM: II CSE /	X	Model Examination
S.NO	REG. NO.	NAME	05 05 23 6 5 27 12 5 2 3 15/5/2 18 5 23 19 5/23
1	411521104001	Abdul Majith A	defen total state with the
2	411521104002	Abishekraj K B	Spessed Abusher Naisher Abusher Abusher Abusher
3	411521104003	Abinash S	that that short don't glant gount
4	411521104004	Adnan Mohammed S	Advans_ Advan Advan Advan, Aprian.
5	41152110-0005	Akash Jebaraj I	ORPH ACKET OFFI OFFI A ROS
6	411521104006	Annamalai M	distant day des
7	411521104067	Archana B	Aug day day duy duy
8_	411521104008	Arokia Anushya A	A And A. And A. And A. And A. And
9	411521104009	Arul Pandian P	Just Ruf P Souther Aw RAD & By Sulla P Sul Rick
10	411521104010	Ashwin V	V. Abod. V. Abod. V. Abod. V. Shoot
11	411521104011	Bargavi A V	AV. Bargari A.V. Bargari A.V. Bargari A.V. Bargari A.V. Bargari
12	411521104012	Bhuvanesh C	Bhurnest & Bhunest Bhunesto
13	411521104013	Chandrakala V	V. I'm and a trada
14	411521104015	Damodaren V	V. Dorti vooth v. Dort V. Dort V. Dort
15	411521104016	Dayana M	M. Dayana M. Dayana M. Dayona M. Dayan M. Dayana M. Dayana
16	411521104017	Decpak J	Durak Deepak Deepak Durak Dout
17	411521104018	Deepak Kumar K	LCDWOK K. DAVOK LOSOK LOSOK LOSOK LOSOK
18	411521104020	Deepan Chakkaravarthi K	Patro Kather K Dess Kather K. Das
19	411521104021	Devakumari S	AB AB AB AB AB
20	411521104022	Devatharshini B	B.D. + B.D. + B.D. + B.D. + B.D. + B.D. +
21	411521104023	Dhanush V	V. Dhonush V. Dlonesh v. Louish
22	411521104025	Dharani T	DAT DAT Charlet DAT Chat DUT
23	411521104027	Dinesh Chaudhary D	Dinesh Dinesh Dinesh
24	411521104028	Dinesh Kumar L	converting & private - showing to private - I I when I
25	411521104029	Dinesh Kumar M	My way of the way of the way
26	411521104030	Dinesh Kumar S	5 Runar Strong S
27	411521104031	Divya S	Osla. 8 Osla. 8 Osla. 8 Osla. 8 Delas
28	411521104032	Elakiya K	a taly o taly o taly attaly to flain
29	411521104033	Elakya R	R. Flaloge R. Elaleya R. Elaleya R. Elaleya P. Elaleya.
30	411521104035	Gayathri B	Operported Boyothy 15 Epayotheris B Cayotheris Gathir & Epyothy 15
31	411521104036	Gokul D	Golard D Golard & Golard O Golard O Golard O Golard O
32	411521104037	Gokul R	Brokul-R Grokul-R Grokul-R Grokul-R Grokul-R Brokul-R
33	411521104038	Gowsalya D	AB AB
34	411521104039	Guberan T	Third F. lung Thung Flunder Thurs T. lung
35	411521104040	Hari Krishnan U	But but but the

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38 411521104044 Ishasri P  39 411521104045 Jagan M  40 411521104046 Jana R  41 411521104046 Jana R  42 411521104048 Jitto M  43 411521104048 Jitto M  44 411521104051 Karthi S  45 HONJIN B. HONJIN S. HONJIN S. KONJIN S. KONJIN S. KONJIN S. HONJIN	36	411521104041	Harini M	Mr. Hay	M. Fly	Mr. Fhry	Mr. Flores	M. Thus	M. Flund	
39	37	411521104042	Harish S	Hert	Sunt	That V	Ship	Stor (	And I	
40 411521104046 Jana R 41 411521104047 Jeffrin Nelson J 42 411521104048 Jitto M 43 411521104048 Jitto M 58 House M 59 House M 50 Jana R 41 411521104048 Jitto M 59 House M 50 Jana R 50 411521104051 Karthike E 50 411521104052 Karthike M 50 Jana R 51 411521104054 Karthike E 52 411521104056 Keerthika M 51 411521104057 Keerthika M 52 Jana R 53 411521104060 Lavanya B 54 411521104060 Lavanya B 55 411521104060 Lavanya B 56 411521104050 Arun U 57 411521104304 Ohistoper Danier 57 411521104305 Dhivakar M 58 411521104306 Harish p 59 411521104306 Harish p 59 411521104306 Harish p 50 411521104306 Harish p 51 411521104306 Harish p 50 411521104309 Madhan Kishore M 50 411521104309 Madhan Kishore M 50 411521104301 Pradeep Raj 51 41521104301 Pradeep Raj 51 41521104311 Pradeep Raj 52 411521104311 Pradeep Raj 53 411521104311 Pradeep Raj 54 41521104311 Pradeep Raj 55 411521104311 Pradeep Raj 56 411521104311 Pradeep Raj 57 411521104311 Pradeep Raj 58 411521104311 Pradeep Raj 59 411521104311 Pradeep Raj 50 411521104312 Praven V 50 00 00 00 00 00 00 00 00 00 00 00 00 0	38	411521104044	Ishasri P	Therri P	general f	2 sheppin?	gsharri.f	gsharri.P	Isharri P	
41 411521104047 Jeffrin Nelson J  42 411521104048 Jitto M  43 411521104051 Karthi S  44 411521104052 Karthika E  45 411521104053 Karthikeyan N  46 411521104054 Kavitha S  47 411521104055 Kavitha V  48 411521104056 Keerthika M  49 411521104057 Keertnivasan S  50 411521104057 Keertnivasan S  51 411521104059 Lakshmi Priya M  52 411521104050 Lavanya B  53 411521104050 Anitha M  54 411521104050 Lavanya B  55 411521104050 Lavanya B  56 411521104060 Lavanya B  57 411521104060 Lavanya B  58 411521104301 Anitha M  59 411521104301 Anitha M  50 00 00 00 00 00 00 00 00 00 00 00 00 0	39	411521104045	Jagan M	M. Jagan	M. Jagua	M Jaghan	M. Josa	in John	M. Jaya	-
42 411521104048 Jitto M  43 411521104051 Karthi S  44 411521104052 Karthika E  45 411521104053 Karthika S  46 411521104054 Kavitha S  47 411521104055 Kavitha V  48 411521104056 Keerthika M  49 411521104057 Keerthika M  49 411521104057 Keerthika M  50 411521104059 Lakshmi Priya M  51 411521104059 Lakshmi Priya M  52 411521104050 B  53 411521104050 Lavanya B  54 411521104050 B  55 411521104050 Lavanya B  56 411521104060 Lavanya B  57 411521104060 Lavanya B  58 411521104000 Lavanya B  59 411521104000 Lavanya B  50 00 00 00 00 00 00 00 00 00 00 00 00 0	40	411521104046	Jana R	RB	R-Js	Risis	RAS	R	2.18	+
43 411521104051 Karthi S  44 411521104052 Karthika E  45 411521104053 Karthikeyan N  46 411521104054 Kavitha S  47 411521104055 Kavitha V  48 411521104056 Keerthika MI  49 411521104057 Keertaivasan S  50 411521104058 Kowsalya B  51 411521104059 Lakshmi Priya M  52 411521104060 Lavanya B  53 411521104060 Lavanya B  54 411521104303 Baskar C  56 411521104304 Christoper Danier  57 411521104305 Dhivakar M  58 411521104306 Harish p  59 411521104306 Harish p  60 411521104309 Madhan Kishore M  60 411521104301 Pracee V  61 411521104311 Pracee V  61 411521104312 Pracee V  61 411521104312 Pracee V  61 411521104312 Pracee V	41	411521104047	Jeffrin Nelson J	getter	alla	ofle	- 0	tella	Total	
43 411521104051 Karthi S  44 411521104052 Karthika E  45 411521104053 Karthikeyan N  46 411521104054 Kavitha S  47 411521104055 Kavitha V  48 411521104056 Keerthika MI  49 411521104057 Keertaivasan S  50 411521104058 Kowsalya B  51 411521104059 Lakshmi Priya M  52 411521104060 Lavanya B  53 411521104060 Lavanya B  54 411521104303 Baskar C  56 411521104304 Christoper Danier  57 411521104305 Dhivakar M  58 411521104306 Harish p  59 411521104306 Harish p  60 411521104309 Madhan Kishore M  60 411521104301 Pracee V  61 411521104311 Pracee V  61 411521104312 Pracee V  61 411521104312 Pracee V  61 411521104312 Pracee V	42	411521104048	Jitto M	M. Titte	M. IT	M. JAH	M. Dire	Minto	M. Titto	
45 411521104053 Karthikeyan N  46 411521104054 Kavitha S  47 411521104055 Kavitha V  48 411521104056 Keerthika M  49 411521104057 Keerthika M  40 411521104057 Keerthika M  50 411521104059 Lakshmi Priya M  51 411521104059 Lakshmi Priya M  52 411521104060 Lavanya B  53 411521104301 Anitha M  54 411521104301 Anitha M  55 411521104301 Anitha M  56 411521104301 Anitha M  57 411521104303 Baskar C  58 411521104306 Harish p  59 411521104306 Harish p  60 411521104301 Pradeep Raj  61 411521104311 Pradeep Raj  61 411521104311 Pradeep Raj  61 411521104311 Pradeep Raj  61 411521104312 Praveen V	43	411521104051	Karthi S	B 400 The	8. KooTh	3- Harith	Sekanh	S-Kwithi	S. KOTTH	
46 411521104054 Kavitha S	44	411521104052	Karthika E	Figure.	have.	skand.	Jrano.	have.	hand	
47 411521104055 Kavitha V  48 411521104056 Keerthika M  49 411521104057 Keerthiva B  50 411521104058 Kowsalya B  51 411521104059 Lakshmi Priya M  52 411521104060 Lavanya B  53 411521104301 Anitha M  54 411521104302 Arun U  55 411521104303 Baskar C  56 411521104304 Christoper Danier  57 411521104305 Dhivakar M  58 411521104306 Harish p  59 411521104309 Madhan Kishore M  60 411521104311 Pradcep Raj  61 411521104312 Praveen V  60 OO	45	411521104053	Karthikeyan N	AB	AB	Kawie		Kaust	Kany	
48 411521104056 Keerthika MI 49 411521104057 Keerthika S 50 411521104058 Kowsalya B 51 411521104060 Lakshmi Priya M 52 411521104060 Lavanya B 53 411521104301 Anitha M 54 411521104302 Arun U 55 411521104303 Baskar C 56 411521104304 Christoper Danier 57 411521104305 Dhivakar M 58 411521104306 Harish p 59 411521104306 Harish p 60 411521104301 Pradeep Raj 61 411521104312 Praveen V 60 411521104312 Praveen V	46	411521104054	Kavitha S	fourth S	Harath S	bash &	Karithma	Kovind	Kontras	
48 411521104056 Keerthika M 49 411521104057 Keerthika M 50 411521104058 Kowsalya B 51 411521104059 Lakshmi Priya M 52 411521104060 Lavanya B 53 411521104301 Anitha M 54 411521104302 Arun U 55 411521104303 Baskar C 56 411521104304 Christoper Danier 57 411521104305 Dhivakar M 58 411521104306 Harish p 59 411521104309 Madhan Kishore M 60 411521104311 Pradcep Raj 61 411521104312 Praveen V 60 00 00 00 00 00 00 00 00 00 00 00 00 0	47	411521104055	Kavitha V	fau tav	Kauith	Kauitho	V Kauj to	Kauite	Karith	V
49 411521104057 Keertiivasan S 50 411521104058 Kowsalya B 51 411521104059 Lakshmi Priya M 52 411521104060 Lavanya B 53 411521104301 Anitha M 54 411521104302 Arun U 55 411521104308 Baskar C 56 411521104304 Christoper Danier 57 411521104305 Dhivakar M 58 411521104306 Harish p 59 411521104309 Madhan Kishore M 60 411521104311 Pradeep Raj 61 411521104312 Praveen V	48	411521104056	Keerthika M	M-beathila	H- boothibe	wlocathila			4- locathita	
51 411521104059 Lakshmi Priya M  52 411521104060 Lavanya B  53 411521104301 Anitha M  54 411521104302 Arun U  55 411521104303 Baskar C  56 411521104304 Christoper Danier  57 411521104305 Dhivakar M  58 411521104306 Harish p  59 411521104309 Madhan Kishore M  60 411521104311 Pradeep Raj  61 411521104312 Praveen V  60 OO	49	411521104057	Keerthivasan S	S. Year	S. Ye	3. Ke	S-1/2	5.1	S	
S1	50	411521104058	Kowsalya B	B. Kousi.	B. Key.	BKung.	B. Kus	BKA:	B.Ky.	
53 411521104301 Anitha M  54 411521104302 Arun U  AB  AB  AB  AB  AB  AB  AB  AB  AB  A	51	411521104059	Lakshmi Priya M	M. Cuping.	M. latering.	Makerio	M. Laluhi	M. lauchi	M Jakh	,
54       411521104302       Arun U       AB       AB<	52	411521104060	Lavanya B	B. Lavanya	B. Lavarya	B. Lavanya	B. Lavany	B. Lavanya	B. Lavanya	
55 411521104303 Baskar C	53	411521104301	Anitha M	020	00	0,0	00	OD	02	
56 411521104304 Christoper Danier  57 411521104305 Dhivakar M  58 411521104306 Harish p  59 411521104309 Madhan Kishore M  60 411521104311 Pradcep Raj  61 411521104312 Praveen V  60 00 00 00 00 00 00 00 00 00 00 00 00 0	54	411521104302	Arun U	AB	AB	AB	AB	AB	AB	
57 411521104305 Dhivakar M  58 411521104306 Harish p  59 411521104309 Madhan Kishore M  60 411521104311 Pradeep Raj  61 411521104312 Praveen V  CO  CO  CO  CO  CO  CO  CO  CO  CO  C	55	411521104303	Baskar C	0.0	0,0	QQ.	00	00	00	
58 411521104306 Harish p  59 411521104309 Madhan Kishore M  60 411521104311 Pradcep Raj  61 411521104312 Pravcen V  60 00 00 00 00 00 00 00	56	411521104304	Christoper Danier	AB	AB	1800	RCXID			
59 411521104309 Madhan Kishore M	57	411521104305	Dhivakar M	AB	AB	40	. 0	An		
60 411521104311 Pradcep Raj AB 50001x Food 60 00 00 00 00 00 00 00 00 00 00 00 00	58	411521104306	Harish p	AB	P. Juph.	PATA	p.g.		P. Migh	
61 411521104312 Praveen V 00 00 00 00 00 00	59	411521104309	Madhan Kishore M	00	0,0	00	00	OD	02	
	60	411521104311	Pradeep Raj	AB	to dula		Foral		No las	
62 411521104701 Mohamed sirajuddin	61	411521104312	Praveen V		Ø D	00	OD	00	010	
	62	411521104701	Mohamed sirajuddin	Lui		afri	Aud (	They	duj.	

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# PERI INSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING MODEL EXAM RESULT ANALYSIS

	CI AGG / GENA		LEXAN	A RESU	LT ANA		CIV. 202	1 2027		
	CLASS / SEM	: II CSE A / IV SEM	-			BAT	CH: 202	1 - 2025		
S.NO	REG. NO.	NAME	CS3451 OS	CS3401 AL	CS3491 AIML	CS3452 TOC	CS3492 DBMS	GE3451 ESS	No. of Sub Absent	No. of Sub failed
1	411521104001	Abdul Majith A	28	38	5	50	50	А	1	4
2	411521104002	Abishekraj K B	50	37	15	63	53	8	0	3
3	411521104003	Abinash S	60	73	29	82	58	24	0	2
4	411521104004	Adnan Mohammed S	36	39	0	65	55	9	0	4
5	411521104005	Akash Jebaraj I	30	54	19	87	29	16	0	4
6	411521104006	Annamalai M	53	30	21	63	29	50	0	3
7	411521104007	Archana B	64	74	44	80	65	70	0	1
8	411521104008	Arokia Anushya A	53	56	0	70	37	А	1	3
9	411521104009	Arul Pandian P	5	32	10	63	32	14	0	5
10	411521104010	Ashwin V	18	8	10	63	9	7	0	5
11	411521104011	Bargavi A V	50	54	19	67	53	37	0	2
12	411521104012	Bhuvanesh G	19	А	12	50	1	14	1	5
13	411521104013	Chandrakala V	63	76	0	66	63	60	0	1
14	411521104015	Damodaren V	14	А	0	58	51	19	1	4
15	411521104016	Dayana M	58	78	17	87	60	75	0	1
16	411521104017	Deepak J	3	12	12	62	19	10	0	5
17	411521104018	Deepak Kumar K	3	42	6	69	29	8	0	5
18.	411521104020	Deepan Chakkaravarthi K	7	61	8	A	14	3	1	5
19	411521104021	Devakumari S	A	А	0	A	A	А	5	6
20	411521104022	Devatharshini B	50	62	4	86	50	Α	1	2
21	411521104023	Dhanush V	17	52	6	80	50	А	1	3
22	411521104025	Dharani T	43	65	17	78	50	63	0	2
23	411521104027	Dinesh Chaudhary D	50	47	0	71	50	OD	0	2
24	411521104028	Dinesh Kumar L	10	25	10	43	23	51	0	5
25	411521104029	Dinesh Kumar M	12	35	4	66	32	13	0	5
26	411521104030	Dinesh Kumar S	6	30	4	37	15	6	0	6
28	411521104032	Elakiya K	58	58	4	A	10	27	1	4
29	411521104033	Elakya R	56	71	1	90	58	64	0	1
30	411521104035	Gayathri B	54	A	30	83	53	41	1	3
31	411521104036	Gokul D	32	34	8	78	51	21	0	4
32	411521104037	Gokul R	35	50	10	74	50	13	0	3
33	411521104038	Gowsalya D	A	A	38	91	67	56	2	3
34	411521104039	Guberan T	40	35	19	70	56	51	0	3
35	411521104040	Hari Krishnan U	16	30	10	64	55	32	0	4
36	411521104041	Harini M	51	47	41	74	53	54	0	2
37	411521104042	Harish S	60	25	18	45	25	50	0	4
38	411521104044	Ishasri P	63	58	6	78	44	55	0	2
39		Jagan M	3	8	0	20	15	14	0	6
40	411521104046	Jana R	5	43	35	37	30	38	0	6
41	411521104047	Jeffrin Nelson J	4	16	1	39	11	10	0	6
42		Jitto M	1	11	33	16	32	30	0	6
43		Karthi S	2	6	22	16	10	24	0	6
44		Karthika E	59	57	4	82	55	15	0	2
45		Karthikeyan N	13	19	0	21	51	14	0	5
46		Kavitha S	60	56	5	74	67	62	0	1
47		Kavitha V	60	64	0	82	66	51	0	1
48		Keerthika M	A	А	6	67	A	28	3	5
49		Keerthivasan S	15	48	0	65	41	6	0	5
50		Kowsalya B	39	38	0	60	50	11	0	4
51		Lakshmi Priya M	29	7	0	44	56	6	0	5
		Zanishi i i ja iti								~

411521104060	Lavanya B	52	55	0	84	57	81	0	1
LATERAL	Arun	A	A	A	A	A	A	6	6
LATERAL	Christoper Danier	A	A	A	6	A	3	4	6
LATERAL	Harish P	2	4	0	22	14	1	0	6
LATERAL	Pradeep Raj	1	3	0	24	14	A	1	6
LATERAL	Dhivakar M	A	0	A	3	2	A	3	6
LATERAL	Mohamed sirajuddin	33	52	3	46	50	9	0	4
LATERAL	Anitha M	A	A	A	A	A	A	6	6
LATERAL	Baskar C	A	A	A	A	A	A		6
LATERAL	Madan Kishore	A	A	A	A	A	A	6	6
LATERAL	Praveen V	A	A	A	A	A	A	6	6
Pr	esent	51	49	54	53	53	49		
A	bsent	10	12	7	8	8	12		
Pa	assed	20	20	0	38	29	15		
F	ailed	31	29	54	15	24	33		
Pass Percentage(	with Total Strength)	32.3	32.3	34.2	61.3	46.8			
ass Percentage (w	vith Absentees Count)	39.2	40.8	43.2	71.7				
. Of Students Pas	ssed in all the Subjects				9				
				13	3.43				
	LATERAL LATERAL LATERAL LATERAL LATERAL LATERAL LATERAL LATERAL LATERAL Pr Al Pass Percentage (w. Of Students Pass	LATERAL Arun  LATERAL Christoper Danier  LATERAL Harish P  LATERAL Pradeep Raj  LATERAL Dhivakar M  LATERAL Mohamed sirajuddin  LATERAL Anitha M  LATERAL Baskar C  LATERAL Madan Kishore	LATERAL Arun  LATERAL Christoper Danier  LATERAL Harish P  LATERAL Pradeep Raj  LATERAL Dhivakar M  LATERAL Mohamed sirajuddin  LATERAL Mohamed sirajuddin  LATERAL Anitha M  LATERAL Baskar C  LATERAL Madan Kishore  A  LATERAL Praveen V  A  Present  Absent  Passed  Passed  Passed  Passed  Passed  Passed  Passed  Pass Percentage (with Total Strength)  Of Students Passed in all the Subjects	LATERAL Arun A A  LATERAL Christoper Danier A A  LATERAL Harish P 2 4  LATERAL Pradeep Raj 1 3  LATERAL Dhivakar M A 0  LATERAL Mohamed sirajuddin 33 52  LATERAL Mohamed sirajuddin A A  LATERAL Baskar C A A  LATERAL Madan Kishore A A  LATERAL Praveen V A A  Present 51 49  Absent 10 12  Passed 20 20  Failed 31 29  Pass Percentage (with Total Strength) 32.3 32.3  ass Percentage (with Absentees Count) 39.2 40.8	LATERAL   Arun   A	LATERAL         Arun         A	LATERAL   Arun   A   A   A   A   A   A   A   A   A	LATERAL   Arun   A   A   A   A   A   A   A   A   A	LATERAL   Arun   A   A   A   A   A   A   A   A   A

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#### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SET B

#### Model Exam-May 2023

#### **CS3492-DATABASE MANAGEMENT SYSTEMS**

Year/Sem/Sec	:	II/IV /A	Date	:	05/05/2023
Department	:	CSE	Duration	:	3 hours
Faculty	:	Mrs.R.SAVITHIRI	Max. Marks	:	100

PART A

 $(10 \times 2 = 20)$ 

	10, 12		
1.	What are main differences between file processing system and a DBMS	U	CO 1
2.	Name the categories of SQL commands	R	CO 1
3.	Define functional dependency.	R	CO 2
4.	Define normalization.	R	CO 2
5.	Define two phase locking.	R	CO 3
6.	List four conditions for deadlock.	R	CO 3
7.	When is it preferable to use a dense index rather than a sparse index. Explain	A	CO 4
8.	What is query execution plan?	R	CO 4
9.	What is replication?	U	CO5
10.	List the categories of NOSQL systems.	R	CO5

#### PART B (5x13=65)

11.	A) With the help of a neat block diagram explain basic architecture of a database management system. (OR)	R	CO 1
	B) What is embedded SQL? Give an example	R	CO 1
12.	A) Consider the relation schema given in Figure. Design and draw an ER diagram that capture the information of this schema. Employee(empno,name,office,age) Books(isbn,title,authors,publisher) Loan(empno,isbn,date) (OR)	A	CO 2
	B) Construct an E-R diagram for a car insurance company whose customers ownone or more cars each. Each car has associated with it zero to any number of recorded accidents. Each insurance policy covers one or more cars and has one or more premium payments associated with it. Each payment is for particular period of time and has an associated due date and date when the payment was received.	A	CO 2
13.	A) Explain with an example the properties that must be satisfied by transaction. (OR)	R	CO 3
	B) i) During execution, a transaction passes through several states, until it finally commits or aborts. List all possible sequences of states through which transaction may pass. Explain why each state transaction may occur? (7 Marks)	U	CO 3
	ii) Define transaction .Then discuss the following with		

	relevantexamples: 1) A read only transaction 2) A read write transaction 3) An aborted transaction (6 Marks)		
14	A) Construct B + tree for the following set of key values (2, 3, 5, 7, 11, 17, 19, 23, 29, 31). Assume that the tree is initially empty & values are added in ascending order. Construct B+ tree for the cases where the number of pointers that fit one node is four. After creation of B+ tree perform following series of operations:  (a) insert 9 b) insert 10 c) insert 8 d) delete 23 e) delete 19 (OR)	A	CO 4
	B) The following key values are organized in an extendible hashing technique. 1 3 5 8 9 12 17 28. Show the extendible hash structure for this file if the hash function is h(x)=x mod 8 & buckets can hold three records. Show how extendable hash structure changes as the result of each of the following steps: insert 2, insert 24, delete 5, delete 12	A	CO 4
15	A) Explain various encryption & public key infrastructure in detail. (OR)	R	CO 5
	B) What is mean by SQL injection? Explain various Injection methods in detail.	R	CO 5

#### PART C (1 x15=15)

16.	A) Explain i) Types of security. (6 marks)		
	ii) Control measures. (6 marks)	R	00.5
	iii) DB security & the DBA. (3 marks) (OR)		CO 3
	C) Write about document based NOSQL systems & MongoDB in	R	CO5
	detail.		

CAT Coordinator

HODYCSE



#### EVEN SEMESTER 2022 – 2023 Class Committee Meeting Circular

Date: 15.05.2023

Batch: B.E CSE (2021 – 2025)

Year/Sem/Sec: II/ IV / 'A'

Chairperson: Mr. Vijayanarayanan

H.O.D - Mrs.K. Varalakshmi

The third class committee meeting for II year CSE 'A' for the academic year 2022-2023 (Even semester) will be held on 18.05.2023 at 2pm in IQAC room in the presence of HOD of CSE,IQAC coordinator, subject handling faculty members and selected students. All the members are requested to attend the meeting to improve the effectiveness of teaching-learning process.

Subject Handling FacultyMembers:

	subject manning racinty members.			
Sl.No	Subject Code	Subject Name	Staff Name	Signature
1	CS3452	Theory of Computation	Mrs.G.S.Gayathri	Believent
2	CS8491	Artificial Intelligence and Machine Learning	New Faculty	750 000
3	CS3492	Database Management Systems	Mrs.R.Savithiri	Roger
4	CS3401	Algorithms	Mrs.H .Deepika	Danie
5	CS3451	Introduction to Operating Systems	Mr.S.RNobleLourdhu Raj	skar
6	GE3451	Environmental Sciences and Sustainability	Mrs. P. Prasanna Devi	Rem Di
7	CS3461	Operating Systems Laboratory	Mrs.G.S.Gayathri	G.S. Garran
8	CS3481	Database Management Systems Laboratory	Mrs.R.Savithri	Rock

#### **Student Members**

Chairperson

S.No	Student Name	Signature
1	B.Gayathri	gay.
2	P.Ishasri	Tela
3	D.Gokul	J. Gother.
4	R.Gokul	Rigokul.
5	P.Arul Pandian	(raft.
6	M.Dayana	Quart



Batch: B.E CSE (2021 – 2025)

Year/Sem/Sec: II/ IV / 'A'
H.O.D – Mrs.K.Varalakshmi

Chairperson: Mr. Vijayanarayanan

Attendance sheet for the Class committee meeting held on 18.05.2023 at 2pm

#### **Staff Members:**

Sl.No	Staff Name	Signature
1	Mrs.G.S.Gayathri	ezsparjarhiris
2	Mrs. P. Prasanna Devi	Pren Deir
3	Mrs.R.Savithiri	Pare
4	Mrs.H .Deepika	Leghe
5	Mr.S.RNobleLourdhu Raj	SPA

#### **Student Members**

S.No	Student Name	Signature
1	B.Gayathri	gay.
2	P.Ishasri	De hope.
3	D.Gokul	Shokel.
4	R.Gokul	Ro Gonkul
5	P.Arul Pandian	Soft.
6	M.Dayana	Dance A

Chairperson

HOD-CSE



Batch: B.E CSE (2021 – 2025)

Chairperson: Mr. Vijayanarayanan

Year/Sem/Sec: II/ IV / 'A'

H.O.D - Mrs.K.Varalakshmi

#### **Syllabus Completion**

Sl.No	Subject Code	Subject Name	Completion Status
1	CS3452	Theory of Computation	Completed 5 units
2	CS8491	Artificial Intelligence and Machine Learning	Completed 5 units
3	CS3492	Database Management Systems	Completed 5 units
4	CS3401	Algorithms	Completed 5 units
5	CS3451	Introduction to Operating Systems	Completed 5 units
6	GE3451	Environmental Sciences and Sustainability	Completed 5 units



# The following points were discussed during the Class Committee Meeting for II CSE A Held on 18.05.2023 at 2pm

S.No	Points Discussed	Action Taken	
1	Individual staff -portion completion	The Syllabus completion copy has been attached. – all 5 units	
2	TOC	The staff provided PPT &hand written Notes of all units	
3	Artificial Intelligence and Machine Learning	Satisfied with the teaching methods, All units revision scheduled as the students requested	
4	DBMS – Notes not given and need more explanation about diagrams	Satisfied with the teaching methods. Notes material given	
5	Algorithms	Satisfied with the teaching methods, All units revision scheduled as the students requested	
6	Operating System	Satisfied with the teaching methods.	
7	EVS	Requested for extra classes. Conveyed to staff and has been followed	
	Gener	ral	
8	Discussed regarding importance of model university result improvement	examinations. and also discussed about their	
9	Increasing class Attendance percentage. Advised to attend classes regularly and improve attendance percentage and also not to come late		
10	Timing not Sufficient for writing Revision Test and Can be combined as 1 exam per day for 2 Units. Students requested for more time to study		
11	Lab Experiments. Students were asked to complete all the lab experiments with in the time period and attend their university lab within their commencement time. without any mall practice and come with lab observation and record		
12	Discussed regarding the importance of attending revision classes and unit wise test. Students must not take leave during revision classes, Unit wise test and model exam.(Will be useful for University Exams)		

