8R	8	3R	8R	8R	8R	8R,	B19
8.R	Time:	B.Tech I (Co 3 hours This questi Part A is consists of	Year I Semeste PROGRAM mmon to CE, M on paper contains	r Examinations IMING FOR P (E. ECE, EIE, N s two parts A an ch carries 25 ma r any one full qu	arks. Answer all cuestion from each	19/January - 2 TNG MIE, PTM) Max questions in Pa	020 x. Marks: 75 art A. Part B
8 R	C	3R.	8R *	SPART-	- A 8 R	8R	(25 Marks)
8R	1.a) b) c) d) e) f) g) h) i)	How to ded Define pre What is me What are the Write any What are the Differentian	five features of C clare, define and processor directi- eant by function p he advantages of two bitwise oper- he applications o te between text for he limitations of linear search diff	initialize a point ve. prototype? bubble sort? ators with exam f an array? iles and binary f using recursive	ples \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	8	[2] [2] [2] [2] [3] [3] [3] [3] [3]
$Q \square$	· · · · · · · · · · · · · · · · · · ·	2 🗇	2D '	PART	- B ♀ □	20	(50 Marks)
	2.a) b)	What is the	e importance of points as a n	orecedence and a nulti-way selecti	associativity in eva on statement? Exp	aluating an exp	ression?
8R	3.a) b) c)	What is the	urpose of unary a e significant of 'l out command-lin	oreak and cont		8R	
	4.a) b)	Using two Demonstra	dimensional arrate the usage of s	ny, write a C pro elf referential str OR	gram to find the in	nverse of a 2×2 rogram.	2 matrix. [5+5]
8 8	5. 6.	くし)	ンマレン	sic string function	ons available in C.	$\rightarrow \leftarrow \leftarrow$	[10]
	7.a)	a given file	e.	orints a specific	ed number of rec	ords from the	
8P	b)	Write a C	program to illust	rate define, und	ef directives.	8R	[5+5] S N

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	SK.	, 8H	SK:	3K	3K	o d K	The state of the					
8. Discuss various methods of passing parameters to functions with suitable C code. [10] OR 9.a) How to handle memory leaks and dangling pointers? b) Write a C program that uses calloc to create a memory block for storing n integers and print the stored contents.												
				ling the maximur works and mention			[5+5]					
	81		program to find	onstrate how inse	number is prime		(5+5 <u>1</u>)					
	ooOoo											
	8R	8R	8 R	8R	82	8R	8R					
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	8R	8R	8H	18H	SK	8 R	성R					
	8R	8 R	8R	8 R	8 R	1 8 R	8R					
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	8R	8R	8R	8R	8R	8R	8R					
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	20	8 R	20	2 D 1	20	2 D	2 D					
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