

Reg.	No:													
SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR														
						(AU	TON	OMOL	JS)					
	\mathbf{M}	ICA I Y	ear I	Sem	ester S	Supple	ement	ary E	xamir	ation	s Nov	ember- 2	020	
		CON	APUT	TER I	PROG	RAM	MIN	G ANI	D PR()BLE	CM SC	DLVING		
Tim	e: 3 hou	rs]	Max. Mai	rks: 60
				(.	Answe	er all F	Five U	nits 5	x 12 =	= 60 M	Iarks)			
				(U	NIT-I						
1	a Write Algorithm and Flowchart to find whether the given number is Palindrome or not.													6 M
	b What	at is dat	a type	? Exp	lain ty	pe co	nversi	ons in	detail	•				6M
OR														
2	a Des	a Describe the difference between variable and constant with Example.												
	b Exp	b Explain C Delimiters in detail.												
		UNIT-II												
3	a Exp	lain var	ious f	ormat	s of if	staten	nent v	vith Sy	ntax.					6M
	b Wri	te a C p	rograi	n to g	enerat	te Fibo	onacci	series	?					6M
		-	•	-				OR						
4	Explain	n Arithr	rithmetic, Assignment and Bitwise Operators with example program.											12M
	UNIT-III													
5	a Defi	a Define an array. How to declare and initialize two dimensional arrays?												
	b Write a C program to perform addition of two matrices.													6M
		OR												
6	a Wha	at is a re	ecursiv	ve fun	ction?	^e Expla	ain its	merits	s and c	lemer	its.			6M
	b Wri	b Write a C Program to find the factorial of the given number.												
							UN	VIT-IV	7					
7	Explain	n the fo	llowir	ng wit	h exar	nple p	rograi	n.						
	a Call	by Val	ue											6M
	b Call by Reference													6M
0			.					OR	E1					
8	a Hov	v is dyn	amic i	memo	ory allo		1 done	e in C?	Expla	un.		11	Diaguag	6M
	what horary functions are provided by C for dynamic memory allocation? Discuss													6M
	witt	голатр	nc.				TI							
0	a Dafi	no stru	0+1170	Llow	to doc	Jara i		NII-V]	c +h c	ctru ct	ura alama	nto	<u> AM</u>
9	a Dell	ne stru	cture.	поw mtoil	luctro	lare, i to ctri	nitian	ze anu	acces	stne	Struct	ure eleme	ents.	01VI 6M
														UIVI
10	• Explain foren() forintf() fscanf() and fclose() functions												6M	
10	h Disc	uss #de	fine 8	t #inc	linde y	irectiv		550()	anetic	/13.				6M
							23.							UIVE

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