	210		210	210		210	2	10	210	2
	Regi	stration No	:							
Tota	al Nui	nber of Paç		^t Semester	Rack E	raminati	on 2019	.19		B.Tech BE210
	ELEC	TRICAL, EN MECH, MET	210 , AERO, A NV, ETC, I ITA, MET	2 PR AUTO, BIO FASHION, TAMIN, MI	OGRAMI MED, BIO FAT, IEE NERAL, Time : 3 Max Mar Q.CODE	MING IN DTECH, , IT, ITE, MINING, Hours ks : 70 : E743	C 2 CHEM, C MANUF MME, PI	EIVIL, CSE AC, MAN E, PLAST	E, ECE, EEE UTECH, MA IC, TEXTILE	RINE,
	210	Answer	010	No.1 whicl res in the		010			210 210	2
Q1	a) b) c) d)	Answer the Which opera Write the sy Differentiate Give the syr	ator can't be ntax of con between e ntax and an	e used on flo ditional ope entry controll example of	bat data ty rator state led and ex nested if	ment. Giv it controlle else stat	ed loop. ement.			(2 x 10)
	e) f) ⁱ⁰ g) h) i)	Which functi What are the What does t int (*ptr)[10] When does How to see position bac Define the fu	function pos k to a pos k to beginn	lasses used g declaration inter used a ition of a fi ing?	in C? n mean? nd how it le? How t	210 is used? to know o	2 current po	10	210 w to rewind	2
Q2	210 a) ⁰ b)		ogram to a	dd first 7 te	rms of the	following	series us	ing for loop	o. 1/1[²¹⁰ + 2/2!	(5) ² (5)
Q3	a) b)	Write a C program to find the grace marks for a student. What is a recursive function? Write a C program to calculate factorial of a no using recursive function.								(5) (5)
Q4	a) ⁰ b)	How parameters are passed through functions using pass by value and pass by reference? Write a program to obtain multiplication of two matrices of size [3]*[3].							(5) ² (5)	
Q5	a) b)	Explain abo Write a prog complexity.		•			algorithm	. Find out	its best time	(5) (5)
Q6	a) ⁰ b)	Write a prog Write a prog			-	-		10	210	(5) ² (5)
Q7		•	o create an	other function	on that wi				o points (x,y) 3C, given its	(10)
Q8	a) ⁰ b) c) d)	Write short C Tokens Inline function malloc, reall File Handling	210 on oc, calloc, ⁻	210		210	2	10	210	(5 x 2) ₂

 ≤ 10