	210	210	210	210	210	210	210
I	Regis	stration No :					
Tot	al Ni	Imber of Pages : 02					B.Tech
101	210	210 210	210	210	210	210	5BE2105210
		1	st Semester Bac PROGR	k Examinatior	ו 2018-19		
	EE, E	BRANCH : AEIE, AE EIE, ELECTRICAL, E INE, MECH, METTA	ERO, AUTO, BIO ENV, ETC, FASH , METTAMIN, MI	MED, BIOTEC IION, FAT, IEE NERAL, MININ	, IT, ITE, MANU	FAC, MANU	TECH,
	210	210	210 Max	e:3 Hours Marks: 100 DDE:E997	210	210	210
Ar	iswe	r Question No.1 (Pa	rt-1) which is co	ompulsory, an	y EIGHT from F	Part-II and ar	iy TWO
		The fig	fro ures in the right	m Part-III. hand margin i	indicato marks		
			ures in the right	nanu margin			
04			•••••	Part-I			(0 10)
Q1	210	Short Answer Type	210	er All-10) 210	210	210	(2 x 10) 210
	a) b)	What is the default va		abal variables?			
	b) c)	Which operator can b	Ũ		ata tuna or variah	102	
	c) d)	Define scope of a var			•		
	e)	Differentiate between		•			
	5) f)	When to user -> (arro					
	210 g)	What is the purpose of	010	function.	210	210	210
	h)	Define NULL pointer?	• •				
	i)	What is a self-referen					
	j)	Distinguish between r	malloc() & calloc()	memory allocatio	on.		
				Part- II			
Q2	210	Focused-Short Answ	wer Type Questio	ns- (Answer Ar	ny Eight out of T	welve) ²¹⁰	(6 x 8) ²¹⁰
	a)	Write a program to re	•	•			
	b)	What are the different				2	
	C)	Specify the syntax of not using this operato		or. Find out whe	ether the year is a	leap year or	
	d)	Explain the structure	of decision control	statement with g	jiven example.		
	210	Write a program to fin	210	210	<u> </u>	<u> </u>	21
	f)	Write a program to ge			•		
	g)	Write a program to ob					
	h)	Define recursive func digits of the 3-digit nu		am using recursi	ve function to cal	culate sum of	
	i)	Explain about the form	natted and unform	atted console I/C) functions.		
	j) 210	Write a program that equivalent upper case		wercase charac	eters in a given	string to its	210
	k)	Distinguish between s	structure an union.	Declare an array	y of structure with	an example.	
	I)	Write a program to reeach line.	ad a file and disp	lay its contents a	along with line nu	mbers before	

210	210	210	210	210	210	210	210

Part_III

210	Q3 Q4	210	the book after 30 days your membership will be cancelled. Write a program to accept the no of days the member is late to return the book and display the fine for the appropriate message. How arguments are passing through function calls? Explain call by value and call by reference with example.					(16) (16)	210
210	05	210						(16)	
	Q6		Implement the bubble sort and insertion sort on the following elements: 22, 88,44, 77, 11, 55, 33, 66,99.						
210		210	210	210	210	210	210		210
210		210	210	210	210	210	210		210
210		210	210	210	210	210	210		210
210		210	210	210	210	210	210		210
210		210	210	210	210	210	210		210
210		210	210	210	210	210	210		210