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GUJARAT TECHNOLOGICAL UNIVERSITY

BE- SEMESTER- 1st / 2nd • EXAMINATION - SUMMER 2018

Subject Code: 110003 Date: 23-05-			Date: 23-05-2018
Tim	ect Name: Com : 02:30 pm to 0 tions:	puter Programming & Utilization 5:00 pm	n Total Marks: 70
		ive questions. assumptions wherever necessary. right indicate full marks.	
Q.1	of given no.	ous Symbol used in Flowchart. Draw a fl c structure of C program with example.	owchart to find factorial 07 07
Q.2	· / -	erent operators in C. y controlled and exit controlled loop with	suitable example 07
Q.3	(e.g. input n	ram to find sum of digits of a number. umber 9834, output is : 9+8+3+4=24) ram for simple calculator(+, -, *, /, %) us	07 ing switch-case statement. 07
Q.4	dimensional	ray. Explain declaration and initialization and multi-dimensional array. nents of user defined functions with suital	07
Q.5	I. streat II. streat III. strleat IV. strstr V. strcp	np() n () EPartit	07
Q.6	Explain nest (a) What is poin	ed structure with example. ter? How Pointer is initialized? How it is plain File Management Functions of C.	different to array? 07 07
Q.7	(a) Write a progra 1	am to print following pattern.	
	2 3 4 5 6 7 8 9 10 (b) Write a progra	am to add two 2×2 matrix.	07 07