Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER- I & II (OLD) EXAMINATION - WINTER 2019				
<b>Subject Code: 110003 Date: 07/01</b>		)		
	•	Name: Computer Programming And Utilization 0:30 AM TO 01:00 PM Total Marks: 70	0	
Ins	tructio 1. 2. 3.	Attempt any five questions.  Make suitable assumptions wherever necessary.		
Q.1	(a)	Explain types of programming languages. Differentiate between compiler and interpreter.	07	
	<b>(b)</b>	Define algorithm and explain different symbols used in flowchart	<b>07</b>	
Q.2	(a) (b)	Explain different data types used in C Language. Write a program that converts Fahrenheit temperature to centigrade Cent.=5/9(fahr32)	07 07	
Q.3	(a) (b)	Explain scanf() and printf() with syntax. Explain different operators in C.	07 07	
Q.4	(a) (b)	State the different types of If statement and explain any one with proper example. What is the purpose of switch statement? Explain its syntax with an example.	07 07	
Q.5	(a)	Write a C program to capitalize all the letters of a string entered.	07	

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What is array of pointers? How its declared and explain in brief.

**Q.6** 

**Q.7** 

(a)

**(b)** 

(a)

variable using functions.

**(b)** Explain File operations in C.

Difference between Structures and Unions.

Explain two dimension arrays and write a program to read and write a 2D array.

Write a program to do swapping of two numbers without using temporary

**07** 

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