Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

PDDC - SEMESTER- I EXAMINATION - SUMMER 2015

	•	t Code:X10002 Date:30/05/201	15
Tiı	ne:0		70
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Draw & explain the block diagram of computer & also explain the difference between RAM & ROM	07
	(b)	What is flow chart? Draw a flow chart to find maximum number out of given three numbers a,b,c.	07
Q.2	(a)	Explain the difference between flow chart & algorithm & write an algorithm to find whether the given number is odd or even	07
	(b)	List out & Explain the bit wise operator OR	07
	(b)	Write a C-programme to find minimum of given three numbers	07
Q.3	(a) (b)	Write A C-program to add first ten numbers & total Sum will be displayed Write a C-program to convert temperature from degree Celsius to Fahrenheit OR	07 07
Q.3	(a) (b)	Explain DO-WHILE LOOP & IF-ELSE LOOP with suitable example Explain Constructor & distructor in C++.	07 07
Q.4	(a) (b)	Explain the difference between string & array by suitable example Write a programme to demonstrate "CALL BY REFERANCE" & "CALL BY VALUE" concept in C.	07 07
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Q.4	(a) (b)	Explain various string handling operation using sample "C" Code Write a programme using FOR- LOOP 1	07 07
		2 2 3 3 3 4 4 4 4	
Q.5	(a) (b)	Write a programme in C to reverse the input string What is pointer Explain the significance of it OR	07 07
Q.5	(a) (b)	Explain the expressions & their types in C++ Explain the advantages & applications of object oriented programming in C++	07 07
