Seat No.:	Enrollment No
GUJARAT TEC	HNOLOGICAL UNIVERSITY
BE - SEMESTER- 1 st / 2 nd EXA	MINATION (NEW SYLLABUS) – SUMMER 2016
Subject Code: 2110003	Date:04/06/2016

_	•	Code: 2110003	gramming & Utilization	Date:04/06/2016
Tim	e:02	Total Marks: 70		
Instru	1.	Question No. 1 is compulso Make suitable assumptions	_	ing Six questions.
Q.1		Objective Question (MCQ)		MARKS
	(a)	_	07	
	1.	Which of the following i (a) ??	s ternary operator? (c):?	
		(b) ?:	(d) ::	
	2.	` '	ential for using scanf() function?	
	4.	(a) ctype.h	(c) string.h	
		(b) conio.h	(d) stdio.h	
	3.	` '	value; occupies of memory	?
		(a) 2 byte	(c) 4 byte	
		(b) 6 byte	(d) 8 byte	
	4.	Array index start at	•	
		(a) 1	(c) User Defined	
		(b) 0	(d) None of above	
	5.	When function calls itsel	lf, it is known as	
		(a) Recursion	(c) exit control loop	
		(b) Nested loop	(d) user defined function	
	6.	Default value of global v		
		(a) 0	(c) 1	
		(b) Garbage value	• • • • • • • • • • • • • • • • • • • •	
	7.	When fopen() fails to op		
		(a) NULL		
		(b) -1	(d) None of above	
	(b)			07
	(b) 1.	Default value of local va	riable is	07
	1.	(b) 0	(c) 1	
		` '	(d) Depend on data type	
	2.	ASCII value of 'A' is		
		(a) 55	(c) 65	
		(b) 75	(d) 85	
	3.	MACRO is used to	·	
		(a) Save memory	(c) fast execution	

(b) Both a & c (d) none of above Every string is terminated by NULL character. How it is 4.

represented?

(a) '\0' (c) both a and b (d) None of above (b) NULL

Which are not looping structures? 5. (a) For loop

(c) While loop

(b) Do...while loop (d) if...else

	6.	If ptr is a pointer to int, having value ptr=100. After ptr++, what is the value of ptr?			
		(a) 100 T	(c) 101		
		(b) 102	(d) 103		
	7.	How many times the following code prints the string "hello" for(i=1;i<=50;i++); printf("Hello");			
		(a) 1	(c) 50		
		(b) Zero	(d) None of them		
Q.2	(a) (b) (c)	Explain flow chart with suitable example.		03 04 07	
Q.3	(a) (b) (c)	Explain entry control loop and exit control loop with example.			
Q.4	(a) (b) (c)	Explain break and continue statement with example.			
Q.5	(a) (b) (c)	Explain getch(), getchar(), gets(), puts()			
Q.6	(a) (b) (c)	Explain Call by value and Call by reference.			
Q.7	(a) (b)	Explain dynamic memory al Write syntax of fseek() fu fseek(fp,10,0).	location. nction and explain fseek(fp,-10,1) and	03 04	
	(c)	Write a program to read n di and calculate the sum using	fferent integer numbers from keyboard pointer.	07	
