Enrollment No:					
	C. U. SHAH	UNIVERSITY			
	Winter Exa	mination - 2022			
Subject Name: P	rogramming Basics using	C Language			
Subject Code: 40	CS01IPC2	Branch: B.Sc.I.T.			
Semester: 1 Instructions:	Date: 02/01/2023	Time: 11:00 To 02:00	Marks: 70		
(1) Use of Pr(2) Instruction(3) Draw near	_	any other electronic instrument is book are strictly to be obeyed. necessary) at right places.	prohibited.		
Que-1 Attempt a	all the following MCQs.		[
 C language w Dennis Ri Dab Robe 		b) Dennis Robert d) None of these			
2. In Turbo C So a) Ctrl + F8		key is used. c) Ctrl + F9 d) None of thes		
3. Trigraph char a) 2	acter consist of how many c b) 3 c) 4	characters? d) 1			
	nory size of char data type? b) 2 Byte	c) 4 Byte d) 8 Byte			
5. If a=10 and b	x = 20 then, x = (a > b)? a : b	What is values of x? c) 20 d) 30			
6. Which is logical >	cal operator? b) >= c) <	d) &&			
7. Automatic con a) Implicit	nversion is known as b) Explicit	c) Both A and B	d) None		
8. Which is shor a) &&	thand operator? b) >= c) +=	d) None of these			
9. To print float a) %d	value is used. b) %f c) %d	f d) None of these			



10. W	Which is valid	variable name?				
a)	my height	b) 2exam	c) _	_exam	d) None of th	ese
11. W	hich of the fo	llowing is not a	valid storage	class?		
	a) static	b) extra	c) auto	d) re	gister	
12 S	tatic variables	are initialized	to value	, if n	ot initialized explicitly.	
	a) 1	b) null	c) 0	d) ga	arbage value	
13 Aı	rray index star	rts from	·			
	a) 0	b) 1	c) null	d) ga	rbage value	
14. Ir	uDF full for	m, U stands for	·			
	a) User	b) Union	c) Unstructu	ıred	d) Use	
Attem	pt any four q	uestions from	Que-2 to Que	e-8		
 Que-2 Attempt all questions. 1. Write a note on basic structure of C program in detail. 2. What is operator? Explain various operators available in c language. 						[14] [7] [7]
1.	-	ogram find max			entered 2 numbers. per is Armstrong or not.	[14] [7] [7]
 Que-4 Attempt all questions. What is variable? Explain how to create and initialize it with syntax and example. Discuss algorithm with example. Explain constant with example. 						
 Que-5 Attempt all questions. Explain integer, float and char datatypes in detail. Explain switch statement with syntax and example. Discuss while loop statement with syntax. 						[14] [5] [5] [4]
 Que-6 Attempt all questions. Explain one dimensional and two-dimensional array with example. Define string. Explain any five functions of <string.h> header file.</string.h> 						
1.		questions. F? Explain vario ous storage clas	_			[14] [7] [7]
1.	_	questions. lage. Explain m atement with sy		ge in bri	ef.	[14] [5] [5]



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