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Enroll	No.	

SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY BE - SEMESTER-I • MID SEMESTER-I EXAMINATION – WINTER 2018 SUBJECT: Brownening for Broklem Solving (2110003) (ME/CL/AE/IT)

SUBJECT: Programming for Problem Solving (3110003) (ME/CL/AE/IT)

DATE: 08-10-2018 TIME:02:00 PM to 03:30 PM TOTAL MARKS: 40

	OO 1	0-2010 TIME.02.00 FW to 03.30 FW	TOTAL MAINNO. 40			
Instru	ctions					
		2. Figures to the right indicate full marks.				
O 1	(a)	3. Assume suitable data if required.	[05]			
Q.1	(a)	Give Answer with most suitable/correct option. (i) Which the following is application software?	[05]			
		(a) Compiler (b) MS Word (c) Assembler (d) Interpreter				
		(ii) What will be printed if we type the statement printf("%d\n",'d');				
		(a) 0 (b) 100 (c) error (d) d				
		(iii) Which of the following is a symbol for Logical AND operator?				
		(a) $\ $ (b) && (c) \$\$ (d) &				
		(iv) A float requires bytes in memory				
		(a) 2 (b) 1 $\overline{\text{(c) 4}}$ (d) 3				
		(v) Which of following loop is executed at least once?				
		(a) while (b) for (c) dowhile (d) all				
	(b)	Explain basic data types of C.	[05]			
Q.2	(a)	Explain in brief the structure of C Program and features of C language.	[06]			
	(b)	Explain switch case in "C" with the help of syntax and example.	[05]			
			Page 1 of 2			
	Enroll. No SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY					
		BE - SEMESTER-I • MID SEMESTER-I EXAMINATION - WINT				
D 4 T F	- 00 4	SUBJECT: Programming for Problem Solving (3110003) (ME/				
		0-2018 TIME:02:00 PM to 03:30 PM	TOTAL MARKS: 40			
Instru	ctions	 All the questions are compulsory. Figures to the right indicate full marks. 				
Q.1	(a)					
		3. Assume suitable data if required. Give Answer with most suitable/correct option.	[05]			
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	(c)	Define following:	[04]		
		1) System Software 2) Interpreter 3) Assembler 4) Loader			
Q.2 (a) Explain various operators used in C language					
Q.2	(b)	Write a C program to find factorial of a given number.	[06] [05]		
	(c)	Draw the Block Diagram of Computer Architecture and Identified each block.	[04]		
Q.3	(e) (a)	Discuss general form of following with example.	[06]		
Q.5	(a)	(1) IF (2) Nested IFELSE (3) Continue & goto	[oo]		
	(b)	Differentiate: Flowchart and Algorithm and Draw flowchart to find largest among	[05]		
	()	three numbers.			
	(c)	Explain printf() and scanf() by giving their syntax and example.	[04]		
		OR			
Q.3	(a)	Explain while, dowhile and for loop with syntax and example.	[06]		
	(b)	Define C Tokens with an example.	[05]		
	(c)	What is array? Give example of array.	[04]		
			Page 2 of 2		
	(-)	Define following:	[04]		
	(c)	Define following: 1) System Software 2) Interpretor 3) Assembler 4) London	[04]		
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Q.2	(a)	Explain various operators used in C language	[06]		
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	(\mathbf{c})	Draw the Block Diagram of Computer Architecture and Identified each block.	[04]		
Q.3	(a)	Discuss general form of following with example.	[06]		
	()	(1) IF (2) Nested IFELSE (3) Continue & goto	. ,		
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	. ,	OR	_ -		
Q.3	(a)	Explain while, dowhile and for loop with syntax and example.	[06]		
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