Enroll. No. _____

SILVER OAK COLLEGE OF ENGINEERING AND TECHNOLOGY BE - SEMESTER-II • MID SEMESTER-II EXAMINATION - SUMMER 2019

SUBJECT: PROGRAMMING FOR PROBLEM SOLVING (3110003)

	DATE	27-04-2019	TIME: 10:30 am to 12:00 pm	TOTAL MARKS: 40	
	Instru	etions: 1. Question 1 is	compulsory.		
		2. Figures to th	2. Figures to the right indicate full marks.		
		3. Assume suita	ble data if required.		
Q.1	(a)	What is user-defined for	unction? Explain actual argument and formal arguments.	[03]	
	(b)	What is recursion? Exp	plain it with example.	[03]	
	(c)	Define Structure. How	does a structure differ from an array?	[04]	
Q.2	(a)	What is function? List maximum if two numb	various categories of functions. Write a program using functioners	on to find [06]	
	(b)	What is function? Exemple.	xplain the function definition, function prototype and func	etion call with [05]	
	(c)	Explain global variable	e and static variable with example.	[04]	
			OR		
Q.2	(a)	Write a Program and e	xplain the "call by value" and "call by reference" concept in C	C. [06]	
	(b) (c)				
Q.3	(a)	What is a pointer? How the Pointer?	w and when pointer is used? How it is initialized? What are the	e benefits of [06]	
	(b)				
	(c)	Distinguish between S	[04]		
			OR		
Q.3	(a)	Write a program to per	[06] [05]		
	(b)	, ,			
	(c)	Write a program for so	rting using pointer.	[04]	