CRM08	Rev 1.14 (2022 rev)	CSE	6/11/2023

CONTINUOUS INTERNAL EVALUATION - 1

Dept: CSE	Sem / Div: 1st CSA, CSB	Sub: Principles of Programming using C	S Code: BPOPS103
Date: 11/11/23	Time: 9:30-11:00	Max Marks: 50	Elective: N

Note: Answer any 2 full questions, choosing one full question from each part.

QN		Questions	Marks	RBT	CO's
		PART A			
1	a	With suitable example, Explain the basic structure of C program.	8	L2	CO1
	b	What is variable? What are the rules to construct variable? Classify the following as valid/invalid variables. i) num2 ii) $num1 iii) +add iv) a_2	8	L2	CO1
	c	Explain printf() function with syntax and examples. Write C program to find area of triangle for the given three sides.	9	L3	CO1
		OR			
2	a	Explain types of output devices and explain any one output device.	8	L2	CO1
	b	Explain the SDLC life cycle for the efficient design of a program with a neat diagram.	8	L2	CO1
	c	Explain with neat diagram the organization of the computer.	9	L2	CO1
		PART B			
3	a	Write a C program to find the reverse of an integer	8	L3	CO2

		number and check whether it is PALINDROME or NOT.			
	b	Explain unconditional branching statements with example.	8	L2	CO2
	c	Explain switch statement with syntax and Write a program to determine whether an entered character is a vowel or not.	9	L2, L3	CO2
		OR			
4	a	Write a program to print n Fibonacci numbers.	8	L3	CO2
	b	Explain while loop with syntax and Write a program to find LCM and GCD of two numbers.	8	L2. L3	CO2
	c	Write a note on the Relational, Logical operators and Write a program to find biggest of three numbers using conditional operator.	9	L2. L3	CO2

Prepared by: 6/11/23

6/11/23
HOD