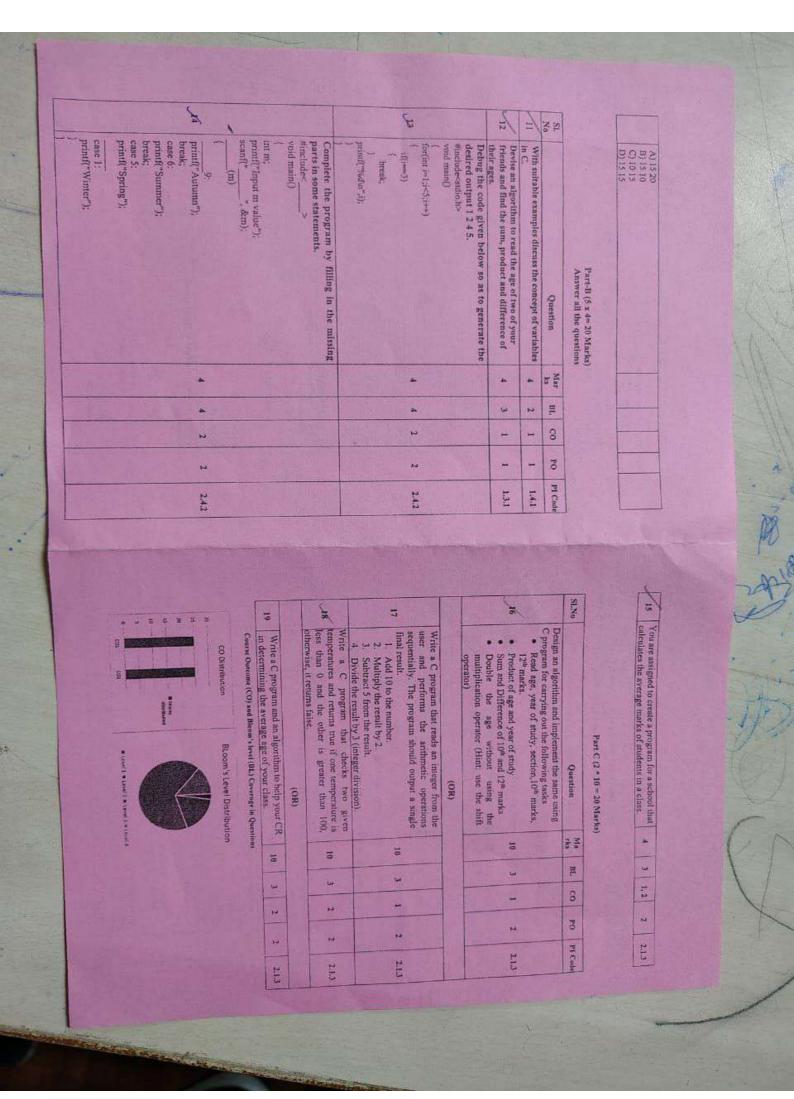


## Question paper 30-9-2024

Programming For Problem Solving (SRM Institute of Science and Technology)



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College of Engineering and Technology SRM Institute of Science and Technology School of Computing

SRM Nagar, Kattankefathur + 603203, Chengalpattu District, Tattill Nadu Academic Year: 1024-25 (ODD)

SET 1

Date: 30-09-2024 Duration: 1hr 40 mins Max. Marks: 50

CO1 CO1 CO1 CO3 Course POI POI PO3 P04 POS PO6 PO7 PO8 PO9 PO10 PO11 POIT

Course Articulation Matrix: (to be placed)

Year & Semt III

Course Code & Title: 23CSS1013 Programming for Problem Solving

## Course Outcomes (CO):

CO-1: Solve problems through computer programming. Express the basic data types and variables

CO-2: Use appropriate data types in simple data processing applications. To create programs using the concept of arrays.

int be ++a++ +-a; a) 12 b) 13

.

..

c) 10

d) Cannot be decided

What is the output of the program.? #include<stdio.b>

int main()

Part A (10\* 1 = 10 Marks)

SI.No	Question	Marks	TE .	CO	PO PI Code	S. Harrison
-	Mention the starting point of c program execution. (a)#include (b)word main() (c)Opening curly braces '{'		744	-		-
12	How Many Keywords are there in C? (a)31 (b)32 (c)64 (d)63	-	4	-		=
u,	Identify the output void main() {     float a=654.1239;     printf("%0.3f",a);	4	ь	-		2
	(a)Compiler error (b)654-123900 (c)654-123 (d)654-124			1 1		

9

printf("Hello Boss.");

\*\* 4

14

2,42

A) Helio Boss
B) Helio Boss
C) No output
D) Compiler error
Choose the correct output of the program?

int main()

register n=10;

10

printf("%d ", a); register a = 15;

\*\*

2.4.2

return 20; printf("%d ", a);

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	7	9	5	4
Value stored in bafter executing the code segment given below  or 4=3	In the given code segment, how many times the value of i is checked?  i = 0; while (i < 3) ++; a) 2 b) 3 c) 4 d) 1	Which loop statement is faster in C Language?  A) for B) while C) do while D) All work at same speed	After executing the code segment given below what will be the value of a?  a = 10 + 2 * 12 / (3*2) + 5;  (a)33  (b)19  (c)11 (d)29	Which operator is used to compare two values?  (a)Logical operator (b)Relational operator (c)Assignment operator (d)None of these
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