



QP PPS CT1 SET 2

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



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	<pre> { int n=7,p; p=n++; printf("p=%d n=%d\n",p,n); p=++n; printf("p=%d n=%d\n",p,n); printf("%d %d %d\n",n++,n++,n++); printf("%d %d %d\n",++p,++p,++p); return (0);} </pre>						
3	Define an identifier. Mention the rules to create an identifier in C with relevant examples.	5	1		1	2	2.5.2
4	<p>A drawing competition is organized during Diwali festival by an NGO. There are THREE groups (A, B & C) of participants. Amrita is interested in joining B group but confused about her eligibility criteria. Her age is 12. Can you clarify her doubt using a C program?</p> <p>Condition for eligibility</p> <p>Eligible for C group - if age >18</p> <p>Eligible for B group - if age >=12 and <=18</p> <p>Eligible for A group - if age <12.</p>	5	2		2	3	2.6.3

Part B (1*10=10 Marks) [Either OR]

Q.No	Question	Marks	CO	PO	BL	PI Code
5	Outline the general structure of a 'C' program and explain with an example.	10	1	2	2	2.5.2
	(OR)					
6	<p>In an interview a task is given to the candidates to compute addition, subtraction, multiplication, division and remainder. The two given integer values are 17 and 13.</p> <p>Condition given:</p> <pre>int testnum1, testnum2; float div;</pre> <p>Write a C program to solve this problem.</p>	10	2	2	3	2.6.3

Quality Alignment Matrix (QAM)

Qn. No.	L1	L2	L3	L4
1			5	
2			5	
3		5		
4			5	
5		10		
6			10	
Total	0	15	25	0

L1+L2 = 15 Marks, 15/40 = 37.5%

L3+L4 = 25 Marks, 25/40 = 62.5%

Course Outcome(CO) and Bloom's level (BL) Coverage in Questions


