

1.

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		(d)	The valid attribute of <a> is	1
			(i) NAME	
			(ii) SRC	
			(iii) BGCOLOR	
			(iv) HEIGHT	
	(B)	Ansv	ver any two of the following:	
		(a)	What is Virtual Memory? Explain any two elements of Virtual Memory.	3
		(b)	What is Data Structure? Define Array and Pointer Array in data structure.	3
		(c)	Give function of following tags with an example of each:	3
			(i) 	
			(ii) 	
			(iii) <dl></dl>	
2.	(A)	Ansv	ver any two of the following:	
		(a)	Give three differences between WORM and VIRUS.	3
		(b)	Write an algorithm to find smallest element in an Array.	3
		(c)	Define the following terms in C ⁺⁺ :	3
			(i) Data Abstraction	
			(ii) Operator Overloading	
			(iii) Data Encapsulation	
	(B)	Solv	e any one of the following:	
		(a)	What is System Call? List any two System Calls for Memory Management, Process Management and Information Management.	4
		(b)	What is Virtual Function in C ⁺⁺ ? Give any six rules to write Virtual Functions.	4
3.	(A)	Solv	e any two of the following:	
		(a)	Explain Multiuser and Time Sharing Operating Systems.	3
		(b)	Define:	3
			(i) Tree	
			(ii) Binary Tree	
			(iii) Extended Binary Tree	
		(c)	What is Function Overloading? Give examples of Function Overloading.	3

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	(B)	Solve	e any one of the following:		
		(a)	Write an algorithm for Binary Search Method. Explain algorithm with suitable example.	4	
		(b)	What is Constructor and Destructor in C++? Give example of Constructor and Destructor in a class.	4	
4.	(A)	Solve	e any two of the following:		
		(a)	What is File System? List and explain types of File Systems used in OS.	3	
		(b)	With suitable example explain how tree can be represented in Memory?	3	
		(c)	What is Inheritance? Explain any two types of Inheritances with Memory.	3	
	(B)	Solv	e any one of the following:		
		(a)	Give features of Windows 98 Operating System.	4	
		(b)	What is Linked List? How they can be represented in Memory?	4	
5.	Solve any two of the following:				
	(a)	them	e a program in C ⁺⁺ to accept two integer values in main function, pass to function great() using call by value and find greater number, tion great() should not return any value.	5	
	(b)		e a program in C to accept three integers from keyboard and find test number with using Condition Control.	5	
	(c)	Writ	e output of the following HTML program:	5	
		<ht< td=""><td>ML></td><td></td></ht<>	ML>		
			<head> <title> abc </title> </head>		
			<body></body>		
			<h1 align="center"> KBC Restaurant </h1>		
			<table border="2"></table>		
		<tr< td=""><td>> <th rowspan="2"></th></td><td></td></tr<>	> <th rowspan="2"></th>		
			 Pawbhaji 		
			<th> with cheese </th>	with cheese	
			<th> 35</th>	35	

		<tr>-</tr>		
		<th> without cheese</th> <th></th>	without cheese	
		<th> 25</th> <th></th>	25	

		OR			
5.	Answer any two of the following:				
	(a)	Write a program in C⁺⁺ to accept a string from keyboard and copy string into another string without using the Library Function.			
	(b)	Write a program in C++ to find area of circle using class.	5		
	(c)	Write a program in HTML for the following output:	5		
		(i) Arts			
		A. History			
		B. Geography			
		(ii) Science			
		I. Computer Science			
		II. Physics			
		(iii) Commerce			
		O English			
		O Accounts			