1	inc. 2 nout	. 00
	Question No.1 is compulsory.	
2) .	Attempt any three questions from question no. 2 to 6.	
Q1	Solve any three out of the following.	15
A	Define Flowchart? Explain different symbols used in drawing Flowchart.	05
B	Difference between while loop & do-while loop.	05
C		05
	Explain Different data type modifiers available in C language.	
D	Write a program to print the following pattern for number of rows given by the	05
	user.	
	321	
	4321	
${f E}$	Write a program to display all prime numbers from 1 to 50.	05
$\mathbf{Q2}$		15
$\mathbf{A}_{\sim}$	Differentiate between break and continue.	05
В	Explain the following functions with proper example.	05
	i) pow() ii) ceil() iii) floor()	
$\sim$ C	Write a program to find value of y using recursive function, where $y = x^n$	05
3		
Q3		15
A	Explain the sizeof() operator with proper example.	05
$\mathbf{B}^{\vee}$	Write a program to find the factorial of a given number.	05
$\mathbf{C}$	Write a program to store and display the name, roll no. and fees of 100	05
	students using structure.	
Q4		15
A	Write a short note on Structure.	05
В	Write a program to find the largest of 'n' numbers taken from user.	05
C	Explain conditional Operator with proper example.	05
	Explain conditional operator with proper example.	0.5
Q5	3, You Do You By, You Wall to the second of	15
A	Explain flowing functions with proper example.	05
	i) stremp() ii) streat () iii) strlwr()	US
B	Write a program to accept the elements of square matrix and to find sum of	05
D D		US
C	elements present on, above and below principal diagonal.	05
C	Write a program to find square root of a accepted perfect square integer	05
	number without using standard sqrt() function.	
	→ ♥, ♀, ♥,	4 =
<b>Q6</b>		15
A	Write a program to add two numbers using user defined function.	05
В	Define array? Explain the static and dynamic initialization of 1D array.	05
C	Draw flowchart to find largest of Three numbers, accepted from user.	05
	V. — X.	

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