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2
         What will be the output of the following programs?
    (a)
              #include<stdio.h<
              void main( )
                   int x=0;
                   if(!x)
                             printf("Let us C");
                   else
                             printf("Wish C was free!!");
         (2)
              #include<stdio.h>
              void main( )
                   int a=35,b=55;
              if(a>10 && b<100)
                   if (a==35 || b!=55)
                             printf("C language is very easy");
                   else
                             printf("C language is very hard");
              #include<stdio.h>
         (3)
              void main( )
                   int p,q,r;
                   for(p=1,q=2,r=3;p \le 1 \&\& q \le 2 \&\& r \le 3;p++)
                             printf("C is POP language");
              #include<stdio.h>
         (4)
              void main( )
              {
                   int ans=1;
                   do
                             ++ans;
                             printf("God is Grate");
                   }while(ans<1);
         Explain any one keyword with example:
                                                                    2
         (1)
              break
         (2)
              continue
         Answer any one:
                                                                    3
         (1)
              Explain nested if statement with example.
              Explain with example how conditional operator is
         (2)
              equivalent to if...else?
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                                  2
                                                            [ Contd...
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		}; printf("Size=%d", sizeof(struct student));	
		{     int grno;char snm[20];	
		struct student	
		void main( ) {	
		#include <stdio.h> void main()</stdio.h>	
		(4) What will be the output of following program?	
		first and last element in this array?	
		(3) In an array in arr[3][2][3], how will you refer the	
		(2) The name of an array represent of an array.	
		location.	
-	(α)	(1) Array elements are stored in memory	•
4	(a)	Attempt the following:	4
		(2) Write down usage, syntax and example of delay(), realloc() and floor() functions.	
		(1) What is function? Explain elements of function with example.	
	(d)	Answer any one :	5
		(2) Write a recrusive function to find sum of digits of given number.	
		(1) Differentiate: call by value and call by reference.	
	(c)	Answer any one:	3
		(2) atof( )	
		example: (1) malloc()	
	(b)	Explain any one built-in function with usage and	2
		(4) A static variable by default gets intialized to	
		(3) sqrt( ) return	
		(2) rand() generates	
	()	(1) is a block of code to perform specific task.	
3	(a)	Fill in the blanks in following statement:	4
		(2) Explain switch statement with its syntax, flow control and example.	
		with syntax and example.	
	, ,	(1) Which are entry-controlled loop? Explain any one	
	(d)	Answer any one:	5

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    (b)
         Answer any one:
              How many ways to initialize a 1-D array?
              demonstrate with code segment.
              What is array? List out types of array.
                                                                 3
    (c)
         Answer any one:
             How pointer to array passes to function?
              Demonstrate with example.
         (2)
              Differentiate: Structure and union.
    (d)
         Answer any one:
                                                                 5
              Explain array of structure with example.
              Explain two dimensional arrays with code segment.
5
         Attempt the following:
                                                                 4
              The FILE structure is defined in which header
              file?
              ftell() return
         (2)
              What will be the output of the following program?
         (3)
              #include<stdio.h>
              void main( )
              {
                  int *x:
                  float *v:
                  long double *z;
                  printf("\n Size of x=\%d", size of (x));
                  printf("\n Size of y=%d", size of (y));
                  printf("\n Size of z=%d", size of (z));
         (4)
             State True or False: If a file is opened for reading
              it is necessary that the file must exist.
                                                                 2
    (b)
         Answer any one:
              What is file ? Explain fopen() with example.
              What is pointer? Explain pointer arithmetic with
         (2)
              example.
         Answer any one:
                                                                 3
    (c)
              Write note on file opening mode available in C.
              Write down usage and example of fseek(), feof(),
              and rewind().
    (d)
         Answer any one:
                                                                 5
             What is command line argument? Demonstrate
              with example.
         (2)
              Write C code to perform file copy operation of
              given files.
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