**CS201 Current Midterm papers Fall 2012 (11-05-2012 to 22-05-2012)**

**My today's paper Share by Sadia Malik 11 may 2012**

Q1. Write a program which will input ten integers into a array then sort it and find maximum and minimum integer in array.

Hint: Finding maximum and minimum is quite easier in sorted array. (10 Marks)

Q2. open() & close() function memory utilization advantages. (3 marks)

Q3. write down a syntax in which we can find the size of structure in bytes. (3 Marks)

Q4. Difference between (\*) and (&) in pointers. (mark 5)

Q5. int num is an array then assign its address to point myPtr. (Mark 5)

etc.... etc... etc... etc..

Note: pointers mein se zyada questions aaye hain. Ratte Mar lo... :)

**My today's paper CS201 Midterm Share by Sadia Malik 11 may 2012**

1. Write a declaration statement for an array of 10 elements of type float. Also initialize first four elements of array to 1.0, 2.0, 3.0 and 4.0.(2)
2. Which bitwise operator returns true if both bits are different and returns false if both bits are same?(2)
3. Suppose if we want to store values like 10, 45.3, 4, A, D, 6.4, and 50 by using array. Can we store all these elements by declaring a single array? Yes or no ? Give reason to support your answer(3)
4. Write the code for a structure called Inventory having the following elements:

A character array named partName

An integer named partNumber

An integer named stock. (3)

     5.Write a program which opens a file named "this.txt" and then using write() function, writes the string "Introduction to Programming" at the end of the file.(5)

      6.Write a program which declares and initializes an integer array of 10 elements and then using a pointer, displays the array elements in reverse order.

**CS201 Midterm Paper share by M amin Dated 11-05-12**

very easy paper tha:

* string conversion k ley kon se header file use hoti hai
* if two programs want to open a file at same time can they open or not?
* TWAIN stands for :
* pointer are used for   ------ store memory address
1. out put btani the 2 questions ke   4 maks
2. two programs of 10 marks
3. **CS201 Paper 11-May-2012 Spring**

Don’t remember the exact questions but giving the main theme.
There are
20 MCQ
2x2 Q
3x3 Q
5x5 Q

MCQ most programming base, like what is the syntax or output etc.

Q: tell the sizeof() value of a structure variable.
Q: use of the keyword “const”
Q: which of these functions are string manipulation and conversion function?
Q: a program which input a telephone number with city code and recognize if it is from lhr or not.
Q: an program is given and we have to tell the output. Program consists array and loop.
Q: how many memory locations will a pointer will jump if it is incremented.

**CS201 Midterm Examz All Current papers in one thread Spring 12 May 2012**

Subject Questions...
Q1. Write a program which will input ten integers into a array then sort it and find maximum and minimum integer in array.
Hint: Finding maximum and minimum is quite easier in sorted array. (10 Marks)
Q2. open() & close() function memory utilization advantages. (3 marks)
Q3. write down a syntax in which we can find the size of structure in bytes. (3 Marks)
Q4. Difference between and (& in pointers. (mark 5)
Q5. int num is an array then assign its address to point myPtr. (Mark 5)

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Shared By Aisha

20 mcqs.mostly from past papers & 15-22 lectures
21) which bit of number is used as a sign bit?
22) open() & close() function advantage of memory utilization..
23) int array[7] is an int array type.what will b the statement for the fourth element of this array?
24 & 25 )write the output of the given code. 5 marks each

**CS201 Midterm Examz All Current papers in one thread Spring 12 May 2012**

Paper 1:
Total 26 Questions.

Identify each of these functions as character conversion functions or manipulation functions.
1. int isprint( int c )
int tolower( int c )

How can we declare a character array, is it different from integer array declaration? Give one example of character array declaration.
Write the output of following program.
#include<iostream.h>

int main()
{
int a[5] = {5, 1, 15, 20, 25};
int i, j, k, l, m;

i = ++a[1];
j = a[1]++;
k = a[i++];
l = a[i--]\*i;
m = a[++i] - 1;

couti" "j" "k " "l" "m;

}

Write the code for a structure called Inventory having the following elements:
• A character array named partName
• An integer named partNumber
• An integer named stock.

Write the code of a main() function which takes command-line arguments and returns an integer type value.

Write a program which defines two strings "Hello" and "Pakistan", merges both the strings using string manipulation function and displays on the screen.

Write the output of following program.
#include<iostream.h>

int main()
{
int a[5] = {5, 1, 15, 20, 25};
int i, j, k, l, m;

i = ++a[1];
j = a[1]++;
k = a[i++];
l = a[i--]\*i;
m = a[++i] - 1;

couti" "j" "k " "l" "m;