**CS201 Current Midterm Papers Spring 2014 07 June to 18 June, 2014**

**Paper: CS201 | Attempt Date: June 11, 2014**

**Q1.** Data Reading From Files, Write Code to read data from myfile.txt, and write 1 line on 100 location of file by using fstream functions (Lecture 18) (5 Marks)

**Q2.** Swapping & Call By Reference, Pointers, Given Code to Write Output (5 Marks)

**Q3.** Functions and structures, how to handle members with two different technique (Lecture 18) (3 Marks)

**Q4.** String concatenation, Given Code to Write Output (Lecture 17) (Marks 2)

**Q5.** Sizeof() & Array, Given Char Array To Find out Output by using Sizeof (Lecture 20) (Marks 2)

**CS201 Midterm paper 7 june 2014**

**26 Questions:**

20 mcq's thein.. or baki subjective mein 2 questions of were 2 marks,2 were of 3 marks and 2 were of 5 marks.. array of pointer dono mein se aya..

2 marks waley jo thay un mein error find krna tha or aik 3 mark waley mein se b error find krna tha os reason b btani thi...

aik 5 marks ka tha ye question:

Q:What is meant by C++ statement: **const int \*ptr = &x;**

**And**

**int const \*int ptr =&x   (5)**

**Q:What are the advantages of random access file over sequential access file?(3)**

or aik 5 marks k quiestion mein program likhna tha string of show krna tha lower case letters ko upper mein show krna tha.. or baki yaad nhi..

ye mcq thien.. bs yehi yaad hain..

What will be the size of the array as int array[1000];

**999**

1000

1001

1002

…………. Will be used for enclosing function statements into block.

“ ”

()

{}

[]

To manipulate n-dimensional array …………. Nested loops are required.

n-2

**n-1**

n+1

n

What is the result of the expression x = 2 + 3 \* 4 – 4 / 2

11

**12**

13

14

**CS201  Midterm Paper: 7th June,2014           10:30 am**

**Q#1:  Write down the output of the following code segment (2 marks)**

Int x [10]={0,1,2,3,4,5,6,7,8,9};

Int\*xptr;

Xptr=&x[5];

Cout\*(ptr ++)+ 1;

**Q#2:  In ac language program, how does closing a file explicitly by using close() function provide advantages in terms of memory utilization? (2 marks)**

**Q#3: When a pointer is incremented what happens in the following case? (3 marks)**

1. Single-Dimensional array
2. Two-dimensional array

**Q#4: Which one of the given two methods a file and why? (3 marks)**

**Q#5: What will be output of the following segment? (5 marks)**

Int x=6;

Int y;

X=x1;

Y=x>>1;

**CS201  Midterm Paper: 15 June,2014**

Today Paper  
Total Questions = 26   
Total Marks = 40  
Total MCQs of 1 Mark = 20   
Short Subjective Question of 2 Marks = 2  
Subjective Question of 3 Marks = 2   
Subjective Questions of 5 Marks = 2

Q) Write the syntax for calling function string manipulation function which compare the first 5 character array "name" with string "asdf"?

Q) When a pointer isincremented then how many bytes will it move to change its address?

Q)Declare an integer array longroutes and pointer routrptr and assign the address of array longroutes to the pointer variable routeptr to the pointer?

Q)Find which is legal and illegal ?

Q) show the output of the following code:

main()

{char st[]="~This is -a sample string!";

char\*pch;

pch=strtoklstr,",-s`";

while(pch!=Null)

coutPch;

pch=strtok(NULL,",-s~")

}

return 0;

}

Q) When a pointer is incremented, what happens in the following cases?  
a)single-dimensional array  
b) Two –dimensional array 3