**CS201 Current Papers of Midterm Fall 2015 (19 Dec to 31 Dec 2015)**

**My Today paper CS201 19-12-15**

20 mcq they past me se boht km they?

1)-        if x=10 , y=5 then value of x after  x%=y\*3;

a) 10    b) 4      c) 3      d) 30

Q.21-   if ‘p’ and ‘q’ are pointers what is wrong with the following statement.

Coutpp+qq;

                                                                                    (2)

Q.22-   write get.line() function to write 30 character from keyboard and assign it an array?        (2)

Q.23-      You have to write a code to read data from a text file. If  two ways are given to you one is character by character reading and  other is to read file as whole .

Which method you chose and why ?                                                                                             (3)

Q.24)-    Ek sizeof se releted program tha us ki output malom krni thi.?                                            (3)

Q.25)-    Ek array wala code likhna tha jis me 10 element user ne enter krne they or un numbers k even indexes ka sum malom krna tha?                                                                                                        (5)

Q.26)-    String se reletaed program tha us ki output btani thi?

                                                           (5)

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swap aya tha 2 files ko swap krna tha withoutusing 2 varibale

sequiatial file is better or random

aur aya tha

k

ik program likhna tha jis mai output krny tha 20 char

ik formula likha tha ifstreamopen ka kya hota hai

bki 2 yad nh\

mcqs bht easy aye thy

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**Today paper CS201 ....2015**

**Today Current Midterm paper**

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

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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

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**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 Current Midterm Paper by dua 4:00pm 19 December 2015**  
80% Past papers

------------------------------------------------------------------------------  
C++ is a middle-level programming language developed by Bjarne Stroustrup  
starting in 1979 at Bell Labs. C++ runs on a variety of platforms, such as  
Windows, Mac OS, and the various versions of UNIX.  
-------------------------------------------------------------------------   
Write down the output of following code segment.  
int num[10] = {2, 3, 5, 8, 9, 10, 12, 15, 19, 20} ;  
int \*ptr = num ;  
for (int i=0; i<10; i+=2){  
cout \*(ptr+i) “, ”;  
} (05

What will be the output of given program code?  
main()  
{  
char province[] = "Sindh";  
char s[80];  
strcpy(s, "Hyderabad");  
strcat(s, " and ");  
-----------------------------------------------------------------------------------

In C/C++, \_\_\_\_\_\_\_\_\_\_\_ are the doors through which data can enter and come out of a  
program.   
streams   
What will be the correct syntax for initialization of pointer ptr of type int with variable x?  
int ptr = &x ;  
int ptr = x ;  
int \*ptr = &x ;  
int ptr\* = &x ;  
Write down the output of the following code segment?  
int x[10] = {0,1, 2, 3, 4, 5, 6, 7, 8, 9};  
int \*xptr;  
xptr = &x[5];  
cout \*(xptr++) + 1;  
The first character of a variable name must be an alphabet or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  
Underscore  
Digit  
Special character  
Comma  
In \_\_\_\_\_\_\_\_, the first pointer stores the address of the some other pointer, which contains the  
address of any variable.  
single dereference  
double dereference  
single reference  
double reference  
Initialization of variable at the time of definition is --------------practice.  
Bad Programming  
Necessary  
Good Programming  
Not a necessary  
Which looping process checks the test condition at the end of the loop?  
For  
While  
do-while  
no looping process checks the test condition at the end  
Which of the following array is the most suitable for storing a matrix structure?  
Single-dimensional array  
Two-dimensional array  
Three-dimensional array  
Four-dimensional array  
Which of the following array is the most suitable for storing a matrix structure?  
Single-dimensional array  
Two-dimensional array  
Three-dimensional array  
Four-dimensional array

**Current midterm paper by Faisal 21/12/2015**  
Aj muje ye paper aya hay.  
Q1:  
Explane the meaning of given c++ statement  
cons int \*ptr=&x;  
Q2:  
Identify any logical of syntax error in statement below and explain the reson of the error  
seekg(-10L,ios::beg);  
Q3:  
Explain the logic of given program code and also determine its output  
#include <iostream.h>  
#include <string.h>  
main()  
{  
Char name[10]=”Khagan”;  
Char msg[20]=”Welcome!”;  
Cout ‹‹ strcat(msg,name,3);  
Return 0;  
}  
Q4:  
Consider the following program write the output:  
main()  
    {  
    char string1[]=”introduction”;  
    char string[]=”programming”;  
cout ‹‹ “string 1 is”‹‹ string1‹‹endl;  
cout ‹‹ “size of string 1 is”‹‹sizeof(string1)‹‹”bytes”‹‹endl;  
cout ‹‹ “string 2 is”‹‹ string2‹‹endl;  
cout ‹‹ “size of string 2 is”‹‹sizeof(string2)‹‹”bytes”‹‹endl;  
}  
Q5:  
Write the output of the following program  
  
int x=6;  
int y;  
x=x‹‹1;  
y=y>>1;  
cout ‹‹ “x=”‹‹x ‹‹ “/n”;  
cout‹‹”y=”‹‹y;  
  
Q6:  
The statement int Name[2][2] defines a 2x2 array write the code which read data from keyboard for each element of array  
-------------------------------------------------  
Please prayers for me.  
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