

paper tough tha mcqs b ajeeb say thay

exact to yaad nahi but kuch aisay thay questions

Q write a code to open a file, file name is "myfile.txt"

Q write a structure whos name is Inventory etc 3marks

Q declare 2-dimentional array and then assign pointer to this array 2 marks

Q aik code diya tha us ka output batana thastrtok wala code tha for 5 marks

Q write a code which pass camand line argument to main and return integer 3 marks

Q if p and q are int pointer and n is integer then the followings are legal or illigal 5marks

1 p - q

2 p-n

3 q+n

4 q+ p

5 n +p (in mein yad nahi * ya / b hai tha ya ni)

CS201 MID TERM Current Papers Dec.-2012 Fall

Cs 201 current paper :

20 mcqs and 2 3 question of 2 marks 2 question of 3 marks ,2 question of 5 marks

Q.A two-dimensional array has 3 rows and 4 columns. Write down the syntax to initialize first element of all three rows of two-dimensional array with value 2.

Q.Identify the errors in the following code segment and give the reason of errors

```
main(){
int x = 10
const int *ptr = &x ;
*ptr = 5 ;
}
```

Q. Write the syntax of outfile.text ?

Q Advantage of close() file

3. What a problem in the given code. How can you correct it.

```
Cout"p="p",p+q="p+qendl;           Marks(2)
```

4. what is error in this code and give reason of error.

```
main()
{
    Intx=10;
    Const int *ptr=&x;
*ptr = 5;
}
```

Marks(3)

Sequential and random method. In given 2 method wich one is best and why?

Marks(3)

5. write a programe that prompt the user to enter the value in an array
programe should sort the array in increasing order and found the maximum and minimum number in the array.
Marks(5)

6. write a programme which create a new file having name cs201.txt and write introduction to programming taught by Dr Naveed Malik" in it.

And after that print the content of this text file an the screen using getline function.

Marks(5)

objective may say kuch bata deta hoo jo aya tha mujhay;

- C-language kis labortary may invent hoi.

- C is widely known as development language of _____ operating system.

- ▶ Linux
- ▶ Windows
- ▶ Unix
- ▶ Mac OS

- What will be the result of arithmetic expression $6+27/3*3$?

- ▶ 33
- ▶ 45
- ▶ 9
- ▶ 30

- What will be the correct syntax for initialization of pointer ptr with string "programming"?

- ▶ `char ptr = 'programming' ;`
- ▶ `char *ptr = "programming" ;`
- ▶ `char *ptr = 'programming' ;`
- ▶ `*ptr = "programming" ;`

- Which character is inserted at the end of string to indicate the end of string?

- ▶ new line
- ▶ tab
- ▶ null

► carriage return

- ek question that like variable say related jis ki option kuch is tarah say the;

int (i)

int [2]

and subjective may say;

Q1- Write down the output of the following code?

```
int array[7], sum = 0;
```

```
for(int i=0;i<7;i++)
```

```
{
```

```
array = i;
```

```
sum+= array;
```

```
}
```

```
cout << "Sum = " << sum;
```

Q2- Explain C-String with an example?

Q3- anonymous structure and anonymous union k baray likhain?

Q4- 2 question practical related thay jis may code dya gya tha us ko theek kerna tha

geek ki option say.[/b]

one more

long questions in CS201 midterm paper
are

Write a short note on files and also explain how they are handled in C++?

Is comparison possible in pointers? If yes what operators are used, if no justify your answers ?

Briefly explain structure padding?

What is the difference between single and multi dimensional arrays?

Explain the meaning of given C++ statement: `const int *ptr = &x;`

Write about char str?

Q:- Give one major use of Pointer? (2 marks)

Q:- What does the file mode parameter `ios::binary` mean? (2 Marks)

Q:- What are the basic steps of file handling? (3 Marks)

Q:- Differentiate between array & list? (3 Marks)

Q:- Differentiate between random access & sequential access file? (5Marks)

Q1marks(2)wt is bit sign number?

Q2- wt is sequential and random access and which is best?

Q3- for loop ka aik question tha us main error batana tha?

Q4- yd ni

Q5&Q6-marks5

output batani thi un ki? progrm main uplod kerta hn likha huwa hai mery pas mil nai raha kch dair tk kerta hn.

CS201 Todays Paper

Q1: can we create an array of object for a class having default constructor?

Q2: overloaded member function using `ostream` and `istream` show any example?

Q3: write c++ code to overload subscript `[]` operator for string class?

Q4: what does you meant by static data memberin c++:

Q5: explain the terms predecrement and postdecrement ?

CS201 VU Current Midterm Spring 2013 Papers

CS201 VU Current Midterm Spring 2013 Papers

Q1: Write down the general syntax of switch statement. 2 Marks

Q2: Why we close a file after use? 2 Marks

Q3: When a pointer is incremented then how many bytes will it move to change its address?

2 Marks

Q4: If there are $2n$ element in an array then what would be the number of iterations required to search a number using binary and linear search? 3 Marks

Q5: write down the functions definition if we want to pass the argument to a function by reference without changing the values stored at address. 5 Marks

Q6: What will be the output of the following code segment 5 Marks

```
, int x= 6;  
int y;  
x = x 1;  
y = x >> 1;  
cout "x =" x "\n";  
cout "y =" y;
```

MIDTERM EXAMINATION

Spring 2011

CS201 - Introduction to Programming

Question No: 1 (Marks: 1) - Please choose one

Initialization of variable at the time of definition is,

- ▶ Must
- ▶ Necessary
- ▶ **Good Programming**
- ▶ None of the given options

Question No: 2 (Marks: 1) - Please choose one

Preprocessor program perform its function before _____ phase takes place.

- ▶ Editing
- ▶ Linking
- ▶ **Compiling**
- ▶ Loading

Question No: 3 (Marks: 1) - Please choose one

_____ If there are $2(n+1)$ elements in an array then what would be the number of iterations required to search a number using binary search algorithm?

- ▶ n elements
- ▶ **(n+1) elements**

- ▶ 2(n+1) elements
- ▶ 2(n+1) elements

Question No: 4 (Marks: 1) - Please choose one

Which of the following operator is used to access the value of variable pointed to by a pointer?

- ▶ * operator
- ▶ -> operator
- ▶ && operator
- ▶ & operator

Question No: 5 (Marks: 1) - Please choose one

Analysis is the ----- step in designing a program

- ▶ Last
- ▶ Middle
- ▶ Post Design
- ▶ First

Question No: 6 (Marks: 1) - Please choose one _____

When a pointer is incremented, it actually jumps the number of memory addresses

- ▶ According to data type (Pg 160)
- ▶ 1 byte exactly
- ▶ 1 bit exactly
- ▶ A pointer variable can not be incremented

Question No: 7 (Marks: 1) - Please choose one _____

Call by reference mechanism should be used in a program when there is

- large amount of data to be passed
- small amount of data to be passed
- need to change the passed data
- no need to change the passed data

Choose the appropriate option for the above case.

- ▶ (i) and (ii) only
- ▶ (i) and (iii) only
- ▶ (ii) and (iii) only
- ▶ (ii) and (iv) only

Question No: 8 (Marks: 1) - Please choose one _____

If an array has 100 elements, what is allowable range of subscripts?

- (a) 0 - 99
- (b) 1 - 99
- (c) 0 - 100

(d) 1 - 100

Question No: 9 (Marks: 1) - Please choose one_____

Initialization of variable at the time of definition is,

Must

Necessary

Good Programming

None of the given options

Question No: (Marks: 2)

_____ A two-dimensional array has 3 rows and 4 columns. Write down the syntax to initialize first element of all three rows of two-dimensional array with value 2.

Ans:

int matrix[0][0]=2

int matrix[1][0]=2

int matrix[2][0]=2

Question No: (Marks: 2) - Please choose one_____

_____ **Explain smart pointer**

Question No: (Marks: 2)

_____ **which standard library we use in programming to read , write files**

Question No: (Marks: 3)

_____ **Identify the errors in the following code segment and give the reason of errors.**

```
main(){  
int x = 10  
const int *ptr = &x ;  
*ptr = 5 ;  
}
```

Ans:

Int x=10...No ending semicolon.

***ptr=5 .. Declaring a pointer to constant integer.You can not use this pointer to change the value being pointed to.**

Question No: (Marks: 3)

Can you use an assignment operator to assign the value of one C-string to another?

Ans: Yes, we use assignment operator, whenever we use objects that allocate memory it is important that assignment operator should be defined for it, otherwise default operator will copy the value of address and pointers.

Question No: (Marks: 5) - Please choose one _____

Write difference between Random access and Sequential access file

Mujay jitney sawal yaad thay wo main ny likh diayah

Mid Term Paper Pattern (Spring 2017)

Total Questions = 23

Total Marks = 38

Objective:

18 Mcq's = 18 Marks

Subjective:

Q No. 19 = 2 Marks

Q No. 20 = 3 Marks

Q No. 21 = 5 Marks

Q No. 22 = 5 Marks

Q No. 23 = 5 Marks

My Current Paper (7 june 2017):

Q No. 19: (2 Marks)

Write the output of the following program:

```
int x = 5;
```

```
int y = 10;
```

```
x = x + 10 * 5 + 5;
```

```
y = x / 10 + 6;
```

```
cout << x << endl;
```

```
cout << y << endl;
```

Q No. 20: (3 Marks)

Write the output of the following program:

```
int num[3][2] = { 51, 53, 47, 64, 39, 48 };
```

```
for ( j = 0; j < 3; j++ ) {
```

```
    cout << *( num + j ) + 1 << endl;
```

```
}
```

Q No. 21: (5 Marks)

Write a Function Definition which takes 3 Arguments (saleTax, incomeTax, booksPrice) and calculates the net price. (

Net Price = saleTax + incomeTax + booksPrice).

Q No. 22: (5 Marks)

Write a Program that swaps two integers without using the temporary third variable.

(Hint: Bitwise Operator can be used).

Q No. 23: (5 Marks)

Write a Program that calculates and print the product of all odd integers from 1 to 10.

----- **Best Of Luck** -----

Asalamualikum guys my CS201 paper:

subjective paper:

Q19: marks 3

```
int num[3][2]={ 12,51,34,54,14,55};
```

```
for(int j =0; j<3; j++)
```

```
cout>(*num+j)+1)endl;
```

Q20: marks 3

```
a=3;
```

```
b=a++;
```

```
cout"a="a;
```

```
cout"b="b;
```

Q21: marks 5

write a code to read a string not greater than 20 character from keyboard, store it in an array and display it on screen.

Q22: marks 5

calculate the area of circle. you have to declare two variables for this, one is area and other is radius. take the value of radius from user.

hint: Area of circle= 3.14 *radius * radius

Q23: marks 5

write a program that prompts the user to enter a string & reverse the string using pointer & display the string in reverse order on the output screen. program must include the complete line include spaces.

best of luck guys.....

ASSLAM O ALIKUM

mcqz mostly from past paper.

1. float array[8] declare krni the and then pointer pas krna tha.

2. utility software kounsy hoty hn example.

3. net salary calculate krni the c++ program likh kr dailywages= 1000 aur no of days

khud write krny thy salary= dailywages*no of days.

4. string declare krni the "this is my country"

5. ak program. m, n values batani the after execution of program.

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)

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 is incremented 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?

- single-dimensional array
- Two –dimensional array

functions of strcpy and strncpy? 3marks

output file? 5 marks

detect and correct the coding (coding was about for loop) 5marks

had to make a statement for input file trans.txt i dun remember the exact question. 3marks

3 MARKS question ABOUT POINTER

My Today's Paper.....cs201 ,final term

7/3/2015

Just 10 % was from objective moaaz file and 10 % from subjective moaaz file.

- How you differentiate an object from a class? 2 marks
- How the data members of the class are initialized with meaning full value? 2 marks
- Suppose we have a class student which contains the object of the class string as its data member, now if we create an object of student type, then what will the construction sequence of the objects? 2 marks
- What happened when we use new and delete operators? 2 marks
- Suppose you are going to code a macro over function in this particular case? 3 marks
- Write equivalent template function for the given function
Float Clesius(float fahrenheit)

```

{
Float Celsuis=0.0 ;
Celsuis=((Fahrenheit -32)*5/9;
}

```

3 marks

- What will the output for the given code.....code was very lengthy about width... 3 marks
- Write general syntax of "two way friendship between two classes" i.e [class 1 and class 2]. 3 marks
- Output of the code the (code about friend function). 5 marks
- Code was again about friend function . 5 marks
- What will the output of the code (Class file ...) . 5 marks
- Coding...Bad practice has adopted here...Change the code. 5 marks

My today paper

Q1 ; write these statements in C++ (5 marks)

1:intPtr is a constant pointer to integer

2:intPtr is a pointer to constant

q2:define a program an array of 15 elements that changes all upercase letters to lowercase and vice virsa.(5 marks)

q3: Char name []= " Hello World";

size of array name ?

q4: Syntax for opening file outfile.txt using file handling

q5 tel the size of initialized array

int arr []={0,0,0,0}

q6:tell the functions Strcpy ,atof,atio
Remeber me in ur prayers .Jazakallah khair !!
