

CS201 past final term paper

jinn ma sa zyda tr 23 sa 45 lec ma sa mcqs tha

Long m coding wale th sb question 2 ki output btani thi aur baki ka code likhna tha
long 23_45 wale chap m se hi th aur short m aik error wala question tha aik
friendship of class or general syntax user defined th

1: How many arguments does functions member's operator's functions take? And how many arguments does non-member operator's functions take?

2: What will be the first argument for the overloading stream insertion (<<) operator and stream extraction (>>) operator?

3: Write the output of the following code:

```
Void sample (int& a, int& b, int& c)
```

```
{
```

```
    a *= 2;
```

```
    b *= 3;
```

```
    c *= 4;
```

```
}
```

```
int main()
```

```
{    int x=1, y=3, z=7;
```

```
    sample(x, y, z);
```

```
    cout<<x<<y<<z;
```

```
    return 0;
```

```
}
```

4: Identify and correct errors in the following code:

```
char *string[];  
string==new[20];  
loose string;
```

5: There are errors in the following code. Identify and briefly explain each error.

class Sample:

```
{  
    private:  
        int year;  
        int day;  
        int month;  
    Public:  
        setMonth(int x);  
        setDay(int y);  
}
```

6: Here is a Date class:

class Date

```
{  
    private:  
        int year;  
        int day;  
        int month;
```

```
public:
    Date()
    {
        day = 1;
        month = 1;
        year = 2000;
    }
};
```

Write a class Person, with the members char pointer name, char pointer address and an object of Date class. Also write a default constructor that should assign the members of the Person class and the Members of the Date class to a default value.

7: Declare 5 integers, store the values given below and then use the setfill and setw to display the output like the following:

```
xxxxxx1000
xxxxxx1200
xxxxxx20000
xxxxxx30000
xxxxxx60000
```

8: Write a program for an overloaded increment operator (++) with the functionality of both the pre increment and post increment!

1: How many arguments do functions, member operators, functions take? And how many arguments do non-member operators, functions take?

2: What will be the first argument for the overloading stream insertion (<<) operator and stream extraction (>>) operator?

3: Write the output of the following code:

```
void sample(int& a, int& b, int& c)
```

```
{
```

```
    a *= 2;
```

```
    b *= 3;
```

```
    c *= 4;
```

```
}
```

```
int main()
```

```
{
```

```
    int x=1, y=3, z=7;
```

```
    sample(x, y, z);
```

```
    cout<<x<<y<<z;
```

```
    return 0;
```

```
}
```

4: Identify and correct errors in the following code:

```
char *string[];
```

```
string==new[20];
```

loose string;

5: There are errors in the following code. Identify and briefly explain each error.

class Sample:

```
{    private:
    int year;
    int day;
    int month;
    Public:
    setMonth(int x);
    setDay(int y);
}
```

6: Here is a Date class:

class Date

```
{
    private:
        int year;
        int day;
        int month;
    public:
        Date()
        {    day = 1;
            month = 1;
```

```
    year = 2000;  
}  
};
```

Write a class Person, with the members char pointer name, char pointer address and an object of Date class. Also write a default constructor that should assign the members of the Person class and the Members of the Date class to a default value.

7: Declare 5 integers, store the values given below and then use the setfill and setw to display the output like the following:

8: Write a program for an overloaded increment operator (++) with the functionality of both the pre increment and post increment!

Mcqs total 40

Mostly from waqar sidhhu file and past papers

3 marks q

5 theory and program

5 marks q

5 totally program

Question 10 about in programming just

Total mark 80

9 about friend and class function only and 1 cover program into switch statement

Quiz 30+ quiz from files that are provided by mam muskan.

3 question Main code main errorr find out kar na thak if else Ka code aya tha

Ak friend function Ka code aya tha

Ak template main say code aya tha

Ak local our global variable Ka question tha

40 Mcqs

Questions:

4 questions about program writing.

2 about error checking and corrections.

2 about write output.

1 template program tha int main wla code write Krna tha.

1 friend class wla code diya tha or friend class classB highlight Kiya tha or pousha tha is ka purpose.

Mcqs maximum past papers sy ay thy

Template ka code given the output likhna th.

Define unary operater also pre and post isi.. ka 1 long th pre or post declare krna thy.

. Manipulater

. Constructor

. parametrized manipulatee

.friend function

.member function