



# CS201P

## FINAL TERM

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Version (1.1)

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فائل کو پڑھنے سے پہلے اپڈیٹ والے  
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1. Which of the following options not a source of the output stream?

a. screen

b. file

c. region in the memory

d. simple variable ✓ SPARKY

2. How many objects are initializing in this statement of code:

```
Date myDate [10] = { Date(09, 03, 1970),  
Date(08, 23, 1974) }
```

a. 3

b. 2 ✓ SPARKY

c. 1

d. 10

3. Which one is not the member function of input stream?

a. cin.get();

b. cin.read();

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```
c.cin.getline();  
d.get(); ✓SPARKY
```

4.What is the output of this program?

```
#include < iostream >  
using namespace std;  
main ()  
{  
int num;  
cout << "Please enter an integer value: ";  
cin >> num + 4;  
}
```

- a.Error ✓*SPARKY*
- b.4
- c.Add number+4
- d.4+1

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5. What will be the output of the following code:

```
#include <iostream>
#include <iomanip>
using namespace std;

main ()
{
int num=7;
cout << setfill('*') << setw(4) << num << endl;
}
```

a. 7\*\*\*

b. \*\*\*\*7

c. \*\*\*7 ✓ SPARKY

d. 7\*\*\*\*

6. Data encapsulation can be achieved through \_\_\_\_\_.

a. Pointers

b. Arrays

c. Classes ✓ SPARKY

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## d. Structures

7. Where can we declare a friend function in the class?

a. Main()

b. Nowhere

c. Anywhere ✓ SPARKY

d. Void

8. An entry in an online encyclopedia that refers to another entry whose title has been changed is an example of \_\_\_\_\_.

a. NULL Pointer

b. Reference pointer

c. This pointer

d. Dangling pointer ✓ SPARKY

9. In C++, *sizeof* operator is used to determine \_\_\_\_\_.

a. Number of words

b. Length of words

c. Length of string

d. Size of data type ✓ SPARKY

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10. In the following code, what will be the output of i?

```
#include<iostream>

using namespace std;

main()
{
int i;
int &j = i;
i = 123;
cout<< "\n The value of i =" << i;
}
```

- a. 321
- b. X012345
- c. 012345x
- d. 123 ✓ *SPARKY*

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## PAID ASSIGNMENTS QUIZES GDB CONTACT 03147094561

In C++, which of the following option is used to declare a class?

a. cLAss

**b. class**

c. CLASS

d. Class

The statement `char arr [10];` is an example of a type of \_\_\_\_\_ memory allocation.

a. Dynamic

b. Null Value

**c. Static**

d. Built-in

In C++, the default constructor takes \_\_\_\_\_.

a. More than two arguments

b. Only one argument

c. Only two arguments

**d. No arguments**

Which of the following is not true about Destructor?

a. Destructors take no arguments

b. Destructors don't return a value.

c. Destructors cannot be overloaded.

**d. Destructors cannot be used for memory manipulation.**

The bit manipulation operator \_\_\_\_\_ is used to check whether a specific bit is set or not.

a. |

**b. &**

c. ^

d. \*

## PAID ASSIGNMENTS QUIZES GDB CONTACT 03147094561

In C++, when accessing files randomly, which function is used to get current pointer position inside a file?

- a. tellg()
- b. seekg()
- c. seekp()
- d. tellp()

In C++, which operator is used to access the data members of the class?

- a. Plus
- b. Not
- c. And
- d. Dot

What will be the output of the given program?

```
int main(){  
void * p;  
p = calloc(10,sizeof(int));  
cout<<"The number of bytes reserved are " << 10*sizeof(int);  
free (p);  
return 0;  
}
```

- a. The number of bytes reserved are 20
- b. Memory error
- c. The number of bytes reserved are 40
- d. A compile error

In C++, default visibility of structure is \_\_\_\_\_.

- a. Pass
- b. Public
- c. Private
- d. Protected

What is the correct prototype of overloading of delete operator?

`void * operator delete ( size_t size ) ;`

**b. void operator delete ( void \* ptr ); (HB)**

c. `void * operator delete ( size_t, size ) ;`

d. `new operator delete ( void * ptr);`

Which of the following is assignment operator?

**= (HB)**

-

^

+

`calloc()` function allocates multiple blocks of memory and each block have \_\_\_\_\_?

Different size

**Same size (HB)**

Same length

Different length

```
if (day == daysOfMonth ( *this ) )
```

```
{ }
```

In above code, *\*this* refers to:

Today Date and Time

**Current Object** (HB)

Any Object

**Current Class**

What will be out put of following code:

```
#include <iostream>
#include <iomanip>
using namespace std;
main ()
{
int num=7;
cout << setfill('*') << setw(4) << num << endl;
}
```

7\*\*\*

**\*\*\*\*7** (HB)

7\*\*\*\*

\*\*\*7

How many objects are initializing in this statement of code:

Date myDate [10] = { Date(09, 03, 1970), Date(08, 23, 1974) }

3

**2** (HB)

1

10

Data encapsulation can be achieved through \_\_\_\_\_.

Structures

Arrays

Pointers

**Classes** (HB)

Which of the following options not a source of the output stream?

region in the memory 

screen

**simple variable** (HB)

file

Complex cadd ( Complex c1, Complex c2 );

Which statement is true for above code?

Class with name of Complex has been created.

Creating object of class Complex with name cadd with parameters.

**It accepts two complex numbers as parameters and returns back the resultant complex number. (HB)**

**Define the function named Complex.**

What is the output of this program?

```
#include < iostream >
using namespace std;
main ()
{
int num;
cout << "Please enter an integer value: ";
cin >> num + 4;
}
```

4+1

4

**Error (HB)**

Add number+4

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**1. What will be the output of the following code?**

```
int i = 1;
while(i<10){
if (i / 2 == 2)
cout << i << " ";
i++;
}
```

- a. 6 7
- b. 2 4 @studywithhamza25
- c. 2 3
- d. 4 5

**2. Short data type store \_\_\_\_\_ bytes of memory.**

- a. 2 @studywithhamza25
- b. 3
- c. 4
- d. 1

**3. Which data type from the following will take lesser space in memory?**

- a. Char @studywithhamza25
- b. float
- c. short
- d. int

**4. Which of the following is the first step in FOR loop?**

- a. Termination condition
- b. Initialization condition @studywithhamza25
- c. Incrementing condition
- d. Continuation condition

**5. Which of the following is an example of logical operator?**

- a. &&,|| @studywithhamza25
- b. /,%
- c. +,\*
- d. <,>

**6. A binary operator has \_\_\_\_\_ operands.**

- a. Two @studywithhamza25
- b. Three
- c. One
- d. Four

**7. What will be the output of the following code?**

```
int i = 0;

while(i!=15){

cout << i << " ";

i = i + 5;
```

}

- a. 1 5 10
- b. 0 5 10 @studywithhamza25
- c. 0 5
- d. 5 10

**8. Suppose we have an integer variable named “num” with 4567 as its value, then what will be the resulting value for the expression “num/100”?**

- a. 45
- b. 456.7
- c. 4
- d. 456 @studywithhamza25

**9. The operators ++ and -- are used to increment or decrement the variable value by \_\_\_\_\_.**

- a. 2
- b. 4
- c. 3
- d. 1 @studywithhamza25

**10. C/C++ has many libraries which contain variables and function names normally starting with \_\_\_\_\_.**

- a. Hash
- b. Hyphen
- c. Underscore @studywithhamza25
- d. Semi-Colon