

## Subject: CS201P

Quiz Completed: 1/7/2026, 10:23:41 PM

Total Questions: 20

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### Question 1:

The data members that are visible only from inside the class and hidden from the outside known as.

- A. Public
- B. Private and Public
- C. Friend
- D. Private**

Selected Answer: D

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### Question 2:

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

- A. Structures
- B. Arrays
- C. Pointers
- D. Classes**

Selected Answer: D

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### Question 3:

What is the correct prototype of overloading of delete operator?

- A. void \* operator delete ( size\_t, size ) ;
- B. new operator delete ( void \* ptr);
- C. void operator delete ( void \* ptr ) ;**
- D. void \* operator delete ( size\_t size ) ;

Selected Answer: C

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#### Question 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**

B. Add number+4

C. 4

D. 4+1

Selected Answer: A

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#### Question 5:

How many objects are created for the class Date? `Date myDates[10];`

A. 0

**B. 10**

C. 1

D. 5

Selected Answer: B

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#### Question 6:

Memory allocated at run time is a system resource, and it is the responsibility of the \_\_\_\_\_ to deallocate this memory.

**A. Programmer**

B. Garbage collector

C. Compiler

D. Destructor

Selected Answer: A

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#### Question 7:

If the memory in the free store is not sufficient enough to fulfill the request, `malloc ()` function returns \_\_\_\_\_.

**A. NULL**

B. 1

C. 0

D. -1

Selected Answer: A

### Question 8:

Which of the following operator cannot be overloaded in C++ language?

A. ++

**B. sizeof**

C. ||

D. --

**Selected Answer: B**

### Question 9:

Which one is not the member function of input stream?

A. cin.read();

**B. get();**

C. cin.get();

D. cin.getline();

**Selected Answer: B**

### Question 10:

Correct syntax of the prototype of the overloaded operator function is \_\_\_\_\_.

A. return type operator-symbol operator (parameter);

B. operator operator-symbol return type ( no parameter);

**C. return-type operator operator-symbol (parameter-list);**

D. return type operator (operator-symbol)

**Selected Answer: C**

### Question 11:

Which of the following option returns the state of end of file?

A. cin.eof();

**B. cin.eof();**

C. cin.endof();

D. cin.endoffile();

**Selected Answer: B**

### Question 12:

Which one is the correct syntax to declare the friend function?

- A. Friend return\_type (int, char);
- B. FRIEND return\_type friend\_function\_name(int, char);
- C. FRIEND friend\_function\_name(int, char);
- D. friend return\_type friend\_function\_name(int, char);**

Selected Answer: D

### Question 13:

When overloading assignment (=) operator, which of the following syntax is correct?

- A. void operator = ( const String &s );**
- B. void operator (= String &s );
- C. void operator (=) const String &other ;
- D. void operator (=) ( const String &s );

Selected Answer: A

### Question 14:

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

- A. Dangling pointer**
- B. Reference pointer
- C. This pointer
- D. NULL pointer

Selected Answer: A

### Question 15:

Which header file is used for file manipulation?

- A. fstream.h**
- B. iomanip.h
- C. filestream.h
- D. iostream.h

Selected Answer: A

### Question 16:

The return type of malloc () function is \_\_\_\_\_.

- A. float pointer
- B. void pointer**
- C. NULL pointer
- D. int pointer

**Selected Answer: B**

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### Question 17:

A variable of the bool data type can take \_\_\_\_\_ values.

- A. 0
- B. 3
- C. 1
- D. 2**

**Selected Answer: D**

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### Question 18:

if (day == daysOfMonth ( \*this ) ) { } In above code, \*this refers to:

- A. Current Class
- B. Today Date and Time
- C. Current Object**
- D. Any Object

**Selected Answer: C**

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### Question 19:

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
- C. 1
- D. 10**

**Selected Answer: D**

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### Question 20:

Which of the following operator can be overloaded?

A. ?

**B. delete[]**

C. \*

D. .

**Selected Answer: B**

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