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**FINAL
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FOR LMS HANDLING: 0323-1731413



CS201p Final Term Paper Quizzes 2023

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Up-to-Date

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

Options:

- a) Static
- b) Dynamic
- c) Null Value
- d) Built-in

2. Which function is automatically called when an object of a class is initiated?

Options:

- a) Destructor
- b) Constructor
- c) Friend function



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d) Utility function

3. What will be the output of the following code?

```
```cpp
```

```
void sampleFunction(int = 5, float = 4.1, char = 'A');
```

```
int main() {
sampleFunction(50, 3.2);
}
```

```
void sampleFunction(int one, float two, char three) {
cout << one << ", " << two << ", " << three;
}
...
```

Options:

a) 50, 3.2, A

b) 5, 4.1, A

c) 50, 4.1, A

d) 5, 3.2, A

4. In C++, the name of the \_\_\_\_\_ is the same as that of a class with a preceding tilde (~) sign. Options:

a) Destructor



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- b) Constructor
- c) Friend function
- d) Utility function

5. Which is not a preprocessor directive of C-language?

Options:

- a) #endif
- b) #if
- c) #else
- d) #startif

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6. Representing logical depiction of the solution to the problem is known as a \_\_\_\_\_.

Options:

- a) Loop
- b) Flowchart
- c) Structure
- d) Sequence

7. \_\_\_\_\_ is a user-defined data type.

Options:

- a) Function
- b) Class



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c) Constructor

d) Pointer

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

Options:

a) Only two arguments

b) Only one argument

c) No arguments

d) More than two arguments

9. A constructor with arguments is known as \_\_\_\_\_.

Options:

a) Default Constructor

b) Virtual Constructor

c) Parametrized Constructor

d) Destructor

MCQ 1:

Question: What will be the output of the following code?

...

```
void sampleFunction(int = 5, float = 4.1, char =
'A');
int main(){ sampleFunction(50, 3.2);
}
```



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```
void sampleFunction(int one, float two, char three) {
 cout << one << " , " << two << " , " << three;
}
...
```

Options:

- A) 50, 4.1, A
- B) 5, 4.1, A
- C) 5, 3.2, A
- D) 50, 3.2, A

Correct option: D) 50, 3.2, A

MCQ 2:

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

Options:

- A) 0
- B) 1
- C) -1
- D) NULL

MCQ 3:

Question: In the following code, what will be the output of `i`?



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...

```
#include<iostream>
```

```
using namespace std;
```

```
int main() {
```

```
 int i; int &j = i; i = 123;
```

```
 cout << "The value of i = " <<
```

```
 i;
```

```
}
```

...

Options:

A) 012345

B) x

**C) 123**

D) 321

MCQ 4:

Question: In C++, `sizeof` operator is used to determine \_\_\_\_\_.

Options:

A) Number of words

B) Length of string

C) Length of words

**D) Size of data type**

MCQ 5:



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

Options:

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

MCQ 6:

Question: Where can we declare a friend function in the class?

Options:

- A) Nowhere**
- B) Main()
- C) Anywhere
- D) Void

MCQ 7:

Question: Which function is automatically called in C++ if we do not define it in a class?

Options:

- A) Parametrized Constructor
- B) Default and Parametrized Constructor
- C) Inline function
- D) Default Constructor**



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MCQ 8:

Question: Where to put inline function during the frequent calling inside the program from multiple source files?

Options:

A) Header File

B) Main()

C) Outside the class

D) Inside the class

MCQ 9:

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

Options:

A) Pointers

B) Structures

C) Arrays

D) Classes

MCQ 10:

Question: \_\_\_\_\_ is a user-defined data type.

Options:

A) Function

B) Constructor

C) Class



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