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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);  
}
```

```
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:

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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

Correct option: 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

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C) 123

D) 321

Correct option: C) 123

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

Correct option: D) Size of data type

MCQ 5:

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

Correct option: C) Private

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MCQ 6:

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

Options:

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

Correct option: A) Nowhere

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

Correct option: D) Default Constructor

MCQ 8:

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

Options:

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- A) Header File
- B) Main()
- C) Outside the class
- D) Inside the class

Correct option: A) Header File

MCQ 9:

Question: Data encapsulation can be achieved through _____.

Options:

- A) Pointers
- B) Structures
- C) Arrays
- D) Classes

Correct option: D) Classes

MCQ 10:

Question: _____ is a user-defined data type.

Options:

- A) Function
- B) Constructor
- C) Class
- D) Pointer

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Correct option: C) Class



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