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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

Correct option: Static

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

Options:

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

Correct option: Constructor

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

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

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```
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

Correct option: 50, 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
- b) Constructor
- c) Friend function
- d) Utility function

Correct option: Destructor

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

Options:

a) #endif

b) #if

c) #else

d) #startif

Correct option: #startif

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

Options:

a) Loop

b) Flowchart

c) Structure

d) Sequence

Correct option: Flowchart

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

Options:

a) Function

b) Class

c) Constructor

d) Pointer

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Correct option: Class

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

Options:

- a) Only two arguments
- b) Only one argument
- c) No arguments
- d) More than two arguments

Correct option: No arguments

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

Options:

- a) Default Constructor
- b) Virtual Constructor
- c) Paramterized Constructor
- d) Destructor

Correct option: Paramterized Constructor

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