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1. Sometimes after allocating memory, we need additional space. For this purpose, we use:

- a) void pointer
- b) reallocation function
- c) realloc function
- d) calloc function

Correct option: c) realloc function

2. We cannot use _____ pointer for storing and reading data from it.

- a) zero
- b) NULL
- c) integer
- d) double

Correct option: b) NULL

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

```
```cpp
#include <iostream>
#define max 100

int main()
{
 #ifdef max
 std::cout << "Hello";
 #endif
}
```

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```
 return 0;
}
...
```

- a) "Hello"
- b) "Max is 100"
- c) Error
- d) Hello

Correct option: a) "Hello"

4. For casting, we normally declare a pointer of type \_\_\_\_\_.

- a) integer
- b) NULL
- c) void
- d) None of the given

Correct option: c) void

5. What is the storage space of the double data type?

- a) 4
- b) 8
- c) 16
- d) 32

Correct option: b) 8

6. Programmer should be very careful about the memory management because it can \_\_\_\_\_.

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- a) affect the logic of the program
- b) cause problems of memory leakage and dangling pointers
- c) return void pointers
- d) create problems of NULL pointers

Correct option: b) cause problems of memory leakage and dangling pointers

7. Structures are syntactically defined with the word \_\_\_\_\_.

- a) None of the given
- b) struc
- c) struct
- d) structure

Correct option: c) struct

8. The `seekp()` function is used to determine the next position to write a character while writing into a file.

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

Correct option: c) tellp()

9. The heap memory structure \_\_\_\_\_.

- a) remains constant
- b) contains no space
- c) is just like the stack

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d) constantly changes in size

Correct option: d) constantly changes in size

10. RAID stands for \_\_\_\_\_.

a) Redundant Array of Inexpensive Devices

b) Redundant Array of Inexperience Devices

c) Redundant Array of Inexpensive Dices

d) Reduced Array of Inexpensive Devices

Correct option: a) Redundant Array of Inexpensive Devices

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