

True or False (10 marks)

2

The destructor of a class is responsible for removing the object from the memory
(1 Point)

☐ True☒ False

3

Multilevel Inheritance is allowed as an object Oriented concept, but it is not allowed in C++
(1 Point)

☐ True☒ False

4

Association is a special type of Composition
(1 Point)

☐ True☒ False

5

The term "Encapsulation" refers to an object of a class that contains another object of another class inside it
(1 Point)

☐ True☒ False

6

When inheriting from a Base class, the Derived class will inherit only the protected, and public members of the Base class
(1 Point)

☒ True☐ False

7

Static member variable can only be modified through static member functions
(1 Point)

☐ True☒ False

8

If a certain function is made friend for class A, then that function can access only the private members of class A
(1 Point)

☐ True

☒ False

9

Composition is special type of Inheritance; composition is stronger relation between 2 objects than inheritance
(1 Point)

☐ True

☒ False

Inheritance establishes an "is-a" relationship, while composition establishes "Has-a" relationship

10

The "this" pointer is an array of pointers to all the objects created from a class
(1 Point)

☐ True

☒ False

11

When overloading a certain function, it is obligatory that we specify a different number of parameters for the new function
(1 Point)

☐ True

☒ False

int myfunction(int a , char c)
int myfunction(char a , int c)
changing their data type or order also overloads them

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