Global Group of Institutions
Demo Question Paper – Set – IV
Subject – Object Oriented Programming with C++

Sl. No.	Questions Lists - Constructor And Destructor	Options
1.	Which of the followings is/are automatically added to every class, if we do not write our own. A. Copy Constructor. B. Assignment Operator C. A constructor without any parameter D. All of the above	D
2.	Which of the following gets called when an object is being created? A. Constructor B. Virtual Function C. Destructors D. Main	A
3.	Destructor has a same name as the constructor and it is preceded by? A. ! B. ? C. ~ D. $	C
4.	Like constructors, can there be more than one destructors in a class? A. Yes B. No C. May Be D. Can't Say	B
5.	State whether the following statements about the constructor are True or False. **I) constructors should be declared in the private section.** **II) constructors are invoked automatically when the objects are created.** A. True, True B. True, False C. False, True D. False, False	C
6.	Which of the following is true about constructors? **i) They cannot be virtual** **ii) They cannot be private.** **iii) They are automatically called by new operator.** A. All i,ii,iii B. i & iii C. ii & iii D. i & ii	B
7.	Destructors _____ for automatic objects if the program terminates with a call to function exit or function abort A. Are called B. Are not called C. Are inherited D. Are created	B
8.	Which constructor function is designed to copy object of same class type? A. Copy constructor B. Create constructor C. Object constructor D. Dynamic constructor	A

9.	What will be the output of the following program? **#include<iostream.h>** **using namespace std;** **class LFC** **{** **int id;** **static int count;** **public:** **LFC() {** **count++;** **id = count;** **cout << "constructor for id " << id << endl;** **}** **~LFC() {** **cout << "destructor for id " << id << endl;** **}** **};** **int LFC::count = 0;** **void main()** **{** **LFC a[3];** **}** A. constructor for id 1 constructor for id 2 constructor for id 3 destructor for id 3 destructor for id 2 destructor for id 1 B. constructor for id 1 constructor for id 2 constructor for id 3 destructor for id 1 destructor for id 2 destructor for id 3 C. Compiler Dependent D. constructor for id 1 destructor for id 1	D
10.	What will be the output of the following program? **#include <iostream>** **using namespace std;** **class LFC {** **LFC() { cout << "Constructor called"; }** **};** **void main() {** **LFC t1;** **}** A. Compiler Error B. Runtime Error C. Constructor called D. destructor for id 1	A

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