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

Sl. No.	Questions Lists – Friend Function	Options
1.	A friend class can access _____ members of other class in which it is declared as friend. A. private B. protected C. public D. Both A and B	D
2.	A friend function can be A. A method of another class B. A global function C. Both A and B D. None of the above	C
3.	If class A is a friend of B, then B doesn't become a friend of A automatically. A. TRUE B. FALSE C. Can be true and false D. Cannot say	A
4.	Which of the following is false? A. Friendship is not inherited B. The concept of friends is there in Java. C. Both A and B D. None of the above	B
5.	Which keyword is used to represent a friend function? A. friend B. Friend C. friend_func D. Friend_func	A
6.	Which of the following is correct about friend functions? A. Friend functions use the dot operator to access members of a class using class objects B. Friend functions can be private or public C. Friend cannot access the members of the class directly D. All of the above	D
7.	Pick the correct statement. A. Friend functions are in the scope of a class B. Friend functions can be called using class objects C. Friend functions can be invoked as a normal function D. Friend functions can access only protected members not the private members	C

8.	Where does keyword 'friend' should be placed? A. function declaration B. function definition C. main function D. block function	A

9.	What will be output for the following code?
	class Box
	{
	  int capacity;
	  public:
	    void print();
	    friend void show();
	    bool compare();
	    friend bool lost();
	};
	A. 1
	B. 2
	C. 3
	D. 4
		B

10.	What will be output for the following code?
	#include <iostream>
	class A {
	private:
	  int a;
	public:
	  A() { a = 0; }
	  friend class B; // Friend Class
	};
	
	class B {
	private:
	  int b;
	public:
	  void showA(A& x) {
	    std::cout << ""A::a="" << x.a;
	  }
	};
	void main() {
	  A a;
	  B b;
	  b.showA(a);
	 }
	A. A::a=0
	B. A
	C. a=0
	D. A::0
		A

==