Duration : 60 Min.
Total Ques. : 50
Paper Type : I 1

**11
CLASS**

SAMPLE Q.P : GLOBAL INFORMATICS OLYMPIAD (GIO)

Student's Name..

Enrollment Number :

---------Signature of Exam Incharge---------   ----------Signature of Student's----------

1. The Actual Question Paper Contains 50 Questions.
2. Each question carry an equal marks of 2 against 50 question
3. The Duration of the Test Paper is 60 Minutes

1. Which of the following concept of oops allows compiler to insert arguments in a function call if it is not specified?
(A) Call by value
(B) Call by reference
(C) Default arguments
(D) Call by pointer
(E) None of these

2. Which of the following cannot be friend?
(A) Function
(B) Class
(C) Object
(D) Operator function
(E) None of these

3. Which of the following concepts means determining at runtime what method to invoke?
(A) Data hiding
(B) Dynamic Typing
(C) Dynamic binding
(D) Dynamic loading
(E) None of these

4. When creating a new table which method can be used to choose fields from standard databases and tables ?
(A) Create table in Design View
(B) Create Table using wizard
(C) Create Table by Entering data
(D) Both (B & C)
(E) None of these

5. What happens when you release mouse pointer after you drop the primary key of a table into for eign key of another table?
(A) A relationship is created
(B) Edit relationship dialog box appears
(C) Error occurs
(D) Nothing happens
(E) None of these

6. Which is a reserved word in the Java programming language?
(A) method
(B) native
(C) subclasses
(D) reference
(E) None of these

For results check our website at www.gcsolympiads.org

7. What is the output of this program?
```cpp
#include <iostream>
#include <functional>
#include <algorithm>
using namespace std;
int main ()
{
    int numbers[] = {3, -4, -5};
    transform ( numbers, numbers + 5, numbers, ne-
gate<int>() );
    for (int i = 0; i < 3; i++)
        cout << numbers[i] << " ";
}
```
(A) -3
(B) 3 4 5
(C) 3 -4 5
(D) -3 4 5
(E) None of these

8. Which one of the following will declare an array and initialize it with five numbers?
(A) Array a = new Array(5);
(B) int [] a = {23,22,21,20,19};
(C) int a [] = new int[5];
(D) int [5] array;
(E) None of these

9. Which is a valid declarations of a String?
(A) String s1 = null;
(B) String s2 = 'null';
(C) String s3 = (String) 'abc';
(D) String s4 = (String) '\ufeed';
(E) None of these

10. Which of the following statement is correct?
(A) Overloaded functions can accept same number of arguments.
(B) Overloaded functions always return value of same data type.
(C) Overloaded functions can accept only same number and same type of arguments.
(D) Overloaded functions can accept only different number and different type of arguments.
(E) None of these

11. The MS DOS operating system is a
(A) Graphical user interface, single tasking operating system
(B) Graphical user interface, multitasking operating system
(C) Command driven interface, single tasking operating system
(D) Command driven interface, multitasking operating system
(E) None of these

12. Part of the POST process is to ensure that the test of essential peripheral device coincides with the hardware configuration that stored in
(A) ROM
(B) The hard drive
(C) CMOS
(D) Cache Memory
(E) None of these

13. When a computer is first turned on or restarted, a special type of absolute loader is called
(A) Compile and go loader
(B) Boot loader
(C) Bootstrap loader
(D) Relating loader
(E) None of these

14. What is the correct syntax in HTML for creating a link on a webpage?
(A) <LINK SRC= "mcqsets.html">
(B) <BODY LINK = "mcqsets.html">
(C) <A SRC = "mcqsets.html" >
(D) < A HREF = "mcqsets.html">
(E) None of these

15. Is it possible to insert a table within another table?
(A) Yes, but there must be exactly 2 rows and 2 columns in first table.
(B) Yes, table can be inserted into cell of another table.
(C) Yes, but there must be no border in second table.
(D) No, it's not possible
(E) None of these

16. A topology that requires a central controller hub is ____.
(A) Mesh
(B) Bus
(C) Star
(D) Ring
(E) None of these