

# SAMPLE PAPER

Subject :- Informatics Practices

Class XII

TIME : 3 Hrs

MM : 70

Note

1. This question paper is divided into 3 sections.
2. Section - A ,B,C.
3. Answer the questions after carefully reading the text.

## Section A

Q 1. Answer the following questions:

- |  |   |
|--|---|
| (a) Explain function of Modem and Switch.                            | 2 |
| (b) What is an IP address ? Give two characteristics.                | 2 |
| (c.) What is networking? Name any three types of networking.         | 2 |
| (d.) Why network security is an important aspect over data security? | 2 |
| (e.) What is the difference between Bridge and Router?               | 2 |
| (f.) What is protocol ? name of any two protocol.                    | 2 |

Q.2 (a) What is front-end ? Name any two GUI which are used as front-end. 2

(b.) What is MAC address ? 1

Q.3 What is Topology? Name Four Topologies Explain 5

1

## Section B

Q.4 Find the Error Following and what is output 3

```
Class LoopDemo
{
    Demo( )
    {
        Show()
        {
            System.out.println( "hello loop");
        }
    }
    Show( )
    {
        System.out.println("I am abstract");
    }
    Public Static void Main(string args[])
```

```

{
    LoopDemo d= new LoopDemo();
    d. add();
}

```

- Q.5 (i) What are abstract methods? 2
- (ii) Write the code for Exit button to close the application. 1
- (iii.) What happens when we click on a hyperlink on a webpage? 1
- (iv.) Write the HTML codes to set the BGCOLOR as PURPLE and a text "I am Class XII" as Blue. 2
- (v.) Which method converts a string to an integer? 1
- Q.6 What is polymorphism? Give an example. 4
- Q.7 (a) Write the HTML code for the following illustration 3

Title :- hello world

1. short Term Course

- Window XP
- Window Vista
- Java with NetBeans
- MYSQL

- Q.8 (a) Write the resulting output of the following 3
- (i) SELECT UPPER ('master');
- (ii) SELECT MOD(25,6)+10;
- (iii) SELECT LENGTH("RAMESH SHARMA");
- (b.) Difference between delete and drop. 2
- (c.) What is Join in MySQL. 2
- (d.) What is Inheritance? Explain details. 3

**Section C**

- Q.9 (a.) What is SQL? Explain 3
- (b) What are SQL comments? 2
- (c.) What is the purpose of DISTINCT and COUNT functions? 2
- (d.) How will you remove leading and trailing spaces from the string? 1
- (e.) Write the command to display the system date and time. 1
- (f.) What is the difference between update and alter command. 2
- (g.) What do you mean by an attribute? Explain with an example. 2
- Q.10 Write SQL commands for the statements (i) to (vi) and give outputs for SQL Queries (vii) to (x) Table: CLUB

GCode	GameName	Number	Fees	StartingDate
101	Carom Board	2	5000	2004-01-23
102	Badminton	2	12000	2003-12-12
103	Table Tennis	4	8000	2004-02-14
104	Chess	2	9000	2004-01-01
105	Lawn Tennis	4	25000	2004-03-19

- (i) To display the name of all games with their Gcodes.
- (ii) To display details of those games which are having Fees more than 7000.
- (iii) To display the content of the CLUB table in descending order of startDate.
- (iv) To delete the record of all GameNames.
- (v) List the minimum and maximum fees from CLUB.
- (vi) SELECT SUM(Fees) from CLUB;
- (vii) SELECT MAX(StartDate),MIN(StartDate) FROM CLUB;
- (viii) SELECT COUNT(\*) from CLUB;
- (ix) SELECT FEES+100 from CLUB where GCode=105;
- (x) SELECT FEES-50 from CLUB where GCode=104;

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