



INFOTECH Computer Education

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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

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 method ? 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 convert a string to an integer ? 1

Q.6 What is polymorphism ? give an examples. 4

Q.7 (a) Write the HTML code for 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

Q.9 (a.) What is SQL Explain 3

(b) What is 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 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 10

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;

