

D-34-C

Roll No.....

Total No. of Questions : 7]

[Total No. of Printed Pages : 4

XIARKDN20

2034-C

INFORMATION PRACTICE

Time : 3 Hours]

[Maximum Marks : 70

- | | |
|---|---|
| (i) What is Coaxial Cable ? | 1 |
| (ii) Define Malware. | 1 |
| (iii) device is used to connect two systems, especially if the systems use different protocols. | 1 |
| (iv) Explain Firewalls. | 2 |
| (v) What is Denial of Service (DoS) ? | 2 |
| (vi) Explain open source software and its types. | 3 |
| (i) Define the LEFT Function. | 1 |
| (ii) What is Boolean Data Type ? | 1 |
| (iii) Both blocks of an IF.....ELSE might execute together.
(True/False) | 1 |
| (iv) Write the difference between Two Date or Time Values. | 2 |
| (v) Briefly explain For-To-Next loop. | 2 |
| (vi) Write a programme to find minimum of 3 numbers. | 3 |

XIARKDN20-2034-C

D-34-C

3. (i) Define Foreign Key. 1
- (ii) Name different types of SQL Logical operators. 1
- (iii) Each tuple in a relation must be that is, there can be no duplicate. 1
- (iv) Define briefly the role of commit statement. 2
- (v) Define the Front End and Back End Software of DBMS. 2
- (vi) Define the following : 3
- (a) Sort Function
 - (b) Mod Function
 - (c) Floor Function
- 4 (i) Define Internet Archive. 1
- (ii) Define IRC. 1
- (iii) Blog is a website maintained by an organization. (True/False) 1
- (iv) What are the benefits of Web Applications ? 2
- (v) What are advantages and disadvantages of HTML ? 2
- (vi) Explain the following.
- (a) Static website
 - (b) Dynamic website.

- 5 (i) Define Intrusion Detection; System (IDS). 2
(ii) Define Network Topology. Give detailed description about Ring Topology with diagram.

Or

Discuss the Domain Name System.

- (iii) Discuss the Unguided Media in detail.

Or

Define the following terms :

- (a) Ethernet
 - (b) Worms
 - (c) Switches
 - (d) Bridges.
6. (i) Write down the syntax and an example of the following SQL functions :
- (a) TRUNC function
 - (b) CEIL function
- (ii) What are EF Codd 12 Rules ?

Or

- (a) Differentiate between computerised Vs. Paper-based Data Base.
- (b) Discuss the different identifiers of the Relations.

(iii) Write down the SQL script to create a table with Table Name as product that will store the product data with attributes as Product ID, Product Name, Product Cost, Product manufacture and Product expiry. Which attribute will act as Primary Key ?

Or

Write down as SQL script to create a table with Table Name as student that will store the student's data with attributes as Roll Number, Class, Section, and Date of Birth. Which attribute will act as Primary Key and also mention the data type of each attribute. <https://www.jkboseonline.com>

4

(i) Define the following :

(a) Relational operators

(b) HTML Text Links

2

(ii) Explain HTML Marquees and Image formats with its Attributes.

Or

Explain HTML ordered and Unordered Lists with example.

4

(iii) Discuss the types of forms used in VB Programming with the help of examples.

Or

What are Built-in-functions ? What are the different types of built-in-Numeric functions of VB ?

4