12ᵗʰARM(SZ)JKUT2024
1124-Y
INFORMATION PRACTICE

Time : 3 Hours]   [Maximum Marks : 70

1. (i) Define denial of services as a network threat.   1

   (ii) What is a twisted pair cable ?   1

   (iii) In networks MODEM is a :

   (A) Technology

   (B) Media

   (C) Threat

   (D) Device   1

(iv) Define PAN in computer networks. 2

(v) Discuss identifying a computer on network. 3

(vi) Briefly explain computer network based communication. 1

2. (i) What is Virus ? (True/False) 1

(ii) Snooping is an anti-virus. (True/False) 1

(iii) Direct Action is a virus. 2

(iv) Briefly explain internet ethics. 2

(v) Write a short note on cyber security.

(vi) Discuss various risks and challenges in social networking. 3

3. (i) Define Web Browser. 1

(ii) What is a client in web browsing ? 1

(iii) WWW stands for 1

(iv) Define web address and web application. 2

(v) What is Scripting Language ? 2

(vi) Use HTML commands to design a web page with text/table in the body and header/footer tags. 3

4. (i) LCase( ) is a numeric function.   (True/False)   1

    (ii) Write *two* DATE and TIME functions in VB.   1

    (iii) Instr( ) is a .... function in VB.   1

    (iv) Define for-next loop with an example.   2

    (v) What are inbuilt functions ? Give examples.   2

    (vi) Explain the types of forms in VB.   3

5. (i) What are main types of database systems ?   2

    (ii) Explain the features of SQL for database management.

    https://www.jkboseonline.com

Or

    Discuss with examples the working of DML commands.   4

    (iii) Explain various clauses of SELECT command in SQL.

Or

    Describe with examples the working of number functions in

    SQL.   4

6. (i) What is Bluetooth ?   2

(ii) Explain various topologies used in computer networking (any *four*).

Or

Describe the types of computer networks (any *two*).　　4

(iii) Explain functions of Switch and Gateway in networks.

Or

Discuss the significance of Infrared and Microwave communication.　　4

7.　(i)　Give the use of Chr( ) function in VB.　　1

(ii) Write the use of LEN function in SQL.　　1

(iii) Write a program in VB to find greatest of three numbers.

Or

Write a program in VB to find the factorial of a number.　　4

(iv) Discuss the working of data functions in SQL.

Or

Explain the use of SUM and AVG functions in SQL.　　4