

B-24-Y

Roll No.

Total No. of Questions : 7]

[Total No. of Printed Pages : 4

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

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Turn Over

- (iv) Define PAN in computer networks. 2
- (v) Discuss identifying a computer on network. 2
- (vi) Briefly explain computer network based communication. 3

- 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. 3
 - (vi) Discuss various risks and challenges in social networking. 1

- 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