

B-17-X

Total No. of Questions : 7]

[Total No. of Printed Pages : 4

XIIARJKUT23

9117-X

INFORMATION PRACTICE

Time : 3 Hours]

[Maximum Marks : 70

1. (i) High data transfer rate of optical fiber is MB per second.

1

~~(ii) What is a Hub ?~~

1

~~(iii) Baud rate is transmission capacity.~~

(True/False)

1

~~(iv) Explain Repeater.~~

2

~~(v) Explain any four advantages of Wi-Fi.~~

2

~~(vi) What is Modem ? Explain any two common types of Modem.~~

3

2. ~~(i) Define Computer Virus.~~

1

~~(ii) A rootkit is a piece of Hardware.~~

(True/False)

1

~~(iii) DOS attack is a cyber attack.~~

(True/False)

1

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Turn Over

(iv) What are Internet Ethics?

(v) What is Snooping?

(vi) Explain Denial of services with the help of any two examples.

3. (i) What is ISP?

(ii) Write two components of e-Mail.

(iii) Define Web Server.

(iv) Explain static web pages.

(v) Explain empty tags in HTML.

(vi) What is Web-Browser? Explain its features.

4. (i) We can store control objects in an array. (True/False)

(ii) Define String.

(iii) Define LTRIM().

(iv) Write different forms of IF-statement.

(v) Define month() function. Write the syntax of month() function.

(vi) Explain Multiple Document Interface.

5. (i) What is RDBMS ?

(ii) What is SQL ? Explain its advantages.

Or

Differentiate between DML and DDL.

4

(iii) Explain ALTER TABLE command with the help of an example and syntax.

Or

Explain the various keys available in SQL.

4

6. (i) What is Co-axial Cable ? Write its *two* advantages.

2

(ii) What is LAN ? Explain four elements of LAN.

Or

What is Topology ? Explain BUS topology with advantages and disadvantages. <https://www.jkb oseonline.com>

4

(iii) What is Infrared Communication ? Discuss any *four* advantages of infrared.

Or

Define Networking. Explain MAN.

4

Turn Over

7. (i) (a) What is body of Loop ?

1

(b) What is Mirroring of Data ?

1

~~(ii)~~ Explain while loop with example, syntax and flowchart.

Or

Explain For Loop with example, syntax and flowchart.

4

~~(iii)~~ Explain any *four* components of **DBMS**.

Or

Explain two types of Entity Constraints.

4