

XIARJKUT23

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

(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 ?

2

(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.jkboseonline.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