Class: BCA-Sem-I   Time: 2:30 Hours.

Instruction: Attempt any five questions.   **Total Marks: [70]**

1. (A) Objective type questions : [4]

    1. ISP Stand for_____.
    2. LAN Stand for_____.
    3. What is Computer Network?
    4. TCP/IP Stand for_____.

    (B) Explain Internet and Intranet. [2]

    (C) Explain Types of Computer Network. [3]

    (D) Explain OSI Model briefly. [5]

2. (A) Objective type questions : [4]

    1. VSAT Stand for_____.
    2. List out OSI upper layer.
    3. Differentiate between Physical and Logical Topologies.
    4. DNS Stand for_____.

    (B) Explain about VSAT. [2]

    (C) Write a note on DNS. [3]

    (D) Explain TCP/IP Model briefly. [5]

3. (A) Objective type questions : [4]

    1. WWW Stand for_____.
    2. _____is a remote login command.
    3. Username would be up to _____ characters long in email address.
    4. TELNET uses _____protocol for data transmission.

    (B) Explain E-Governance. [2]

    (C) What is Search Engine? How it works?. [3]

    (D) What is E-Mail? How it works? [5]

4. (A) Objective type questions : [4]

1. Telnet is a Protocol (True/False).
2. What is Web Browser?
3. FTP Stand for _____.
4. _____ a standard Internet protocol is the simplest way to exchange files between computers on the Internet.

(B) Differentiate between Static and Dynamic websites. [2]

(C) Explain Hackers and Crackers. [3]

(D) Explain Types of Digital Payment System. [5]

5. (A) Objective type questions : [4]

1. HTML Stand for _____.
2. The term HREF expands to _____.
3. There are_____ numbers of heading tags in html.
4. List out basic elements.

(B) HTML Formatting tags. [2]

(C) Differentiate <OL> V/s <UL>. [3]

(D) Write a note on HTML5 Document Structure. [5]

6. (A) Objective type questions : [4]

1. What is HTML?
2. Which method used to draw an image on a canvas?
3. _____ attribute specifies a hint that describes the executed value of an Input field.
4. What is <BR> tag?

(B) Differentiate <P> V/s <Pre>. [2]

(C) Explain following HTML5 attributes: autocomplete list. [3]

(D) Explain canvas in HTML5. [5]

7. (A) Objective type questions : [4]

1. CSS Stand for _____.
2. List out type of CSS _____.
3. IDs always start with _____ followed by the ID Name.
4. _____ tag can be used for text animation in HTML.

(B) Types if style sheets. [2]

(C) Write different value of border-radius property. [3]

(D) Explain in detail: CSS Background Properties. [5]

8. (A) Objective type questions : [4]

1. What is CSS?
2. Write down media query syntax.
3. The class selection is used to specify for a single, unique element.(True/False)
4. _____ specifies the painting area of the background.

(B) List out advantages of CSS. [2]

(C) Write different values of border-radius property. [3]

(D) Differentiate 2D and 3D Transformations. [5]

9. (A) Objective type questions : [4]

1. JavaScript is case-insensitive language.(True/False)
2. List out JavaScript datatypes.
3. _____ history object method loads a specific URL, from the history list.
4. Which events occur when no object gets or lows focus?

(B) Explain JavaScript Events. [2]

(C) Explain following array object methods: push(), pop(), shift() [3]

(D) What is DOM? Explain in detail. [5]

10. (A) Objective type questions : [4]

   1. Break and continue statement is supported by JavaScript.
(True/False)
   2. DOM Stand for _____.
   3. _____ tag is used to insert JavaScript in HTML page.
   4. JavaScript can change HTML Attribute.(True/False)

  (B) Explain an example to differentiate local and global variable. [2]

  (C) Write a note on dialog boxes. [3]

  (D) Form Validation & E-mail Validation. [5]