## Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.

2. Question no. **1** is compulsory.

3. Attempt any **three** questions from Q. no. **2** to Q. no. **6**.

1. (a) Differentiate between Static and Dynamic web pages with the help of suitable example. (2)

   (b) Write an HTML code to display the following equation : (2)

   $$a^2 + b^2 = (a + b)^2 - 2ab$$

   (c) Write the CSS property to change the text indentation to 4em in a web page. (2)

P.T.O.

---

| ABC ACADEMY | |
|---|---|
| About Us<br>Cricket<br>Badminton<br>Football<br>Hockey | This frame should display information about the option coming in the left frame, when user clicks on that option. |

(b) Write a CSS code to change the following properties :

   (i) H1 heading to color "Red".

   (ii) H2 heading to font size 20. (2)

5. (a) How do we insert an image in a web page. Write the CSS code to create an image rollover. (3)

   (b) Write an HTML code to design the following table : (2)

| A | B | | C | |
|---|---|---|---|---|
| D | E | F | G | H |
| | I | J | K | L |

6. (a) Mr. Ahuja has designed a website for his company. Explain the process of Web Hosting for the website? (2)

   (b) What do you understand by the CSS box model. Write the code to make the following changes in the box model :

      (i) Set width of content area to 450px.

      (ii) Set left margin to 2em.

      (iii) Set border radius to 4px.

      (iv) Set bottom padding to 1em. (3)

(1500)

(d) Write the CSS code to change the width of a sidebar to 150px and make the sidebar float towards the right. (2)

(e) Given the following code :

```
<main>
  <ul class="abc">
    <li>English:<a href="abc/chapterl.html">Chapter l</a></li>
    <li>Hindi:<a href="abc/chapter2.html">Chapter 2</a></li>
  </ul>
</main>
```

Write the CSS rule to change the property of <ul> to font size 80% and of <a> to change to green color using relational selectors. (2)

2. (a) Create a web page of a college website for providing feedback by the students with the following elements: (3)

   (i) Form tag with post settings.

   (ii) Roll number as numeric field of length 6 with autofocus as the form opens.

   (iii) A drop-down list to select the course.

   (iv) A text area field for student feedback.

   (v) All the fields are compulsory.

   (vi) A submit button with the title "Submit Feedback".

(b) What do you understand by a site map of a website. Explain with an example. (2)

3. Write an HTML code to design a 2-tier navigation menu similar to the nested list structure shown below :

   • Fruits
     ➢ Mango
     ➢ Guava
     ➢ Banana

   • Vegetables
     ➢ Cabbage
     ➢ Potato
     ➢ Onion

Change the following properties of the navigation menu using CSS.

   (i) Remove bullets from all menu items.

   (ii) Display first level items horizontally.

   (iii) Display submenu on hover of horizontal items.

   (iv) Display submenus vertically.

   (v) Position the submenu at the bottom of the main menu. (5)

4. (a) Write an HTML code for creating the following frame structure for a website displaying information about a sports academy. (3)