Website Authoring Demonstration Exam Paper

You work for a company called Rootrainer Trees. You are going to create and edit some web pages for this company.

1. Using a suitable software package, prepare the following styles for use within all pages on this website:
   - h1 – dark blue, sans-serif font, 36 point, centre aligned, bold
   - h2 – green, serif font, bold, 14 point, left aligned
   - h3 – blue, sans-serif font, 16 pixels, right aligned, italic
   - li – blue, sans-serif font, 10 point, bullet points, left aligned
   - p – black, sans-serif font, 10 point, left aligned

2. Save the stylesheet and attach it to each web page as you create it.

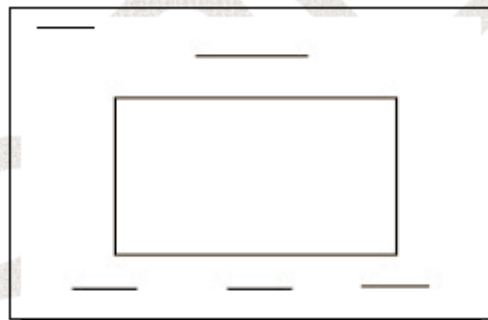3. Print a copy of the stylesheet that has to be attached to each page as html source code.

   Make sure that your name, centre number and candidate number are printed on this page.

4. Using a suitable software package, create a new homepage **HOMEPAGE.HTM**

5. This page will have a table and menu options across the bottom. It should look like this:

6. Attach the external stylesheet that you saved in step 2.

7. Ensure (by removing code if necessary) that if you are using a WYSIWYG package the styles are not overridden by the package.

8. In the top left corner add the text **Last edited by** and add your name, centre number and candidate number.

   Set the text to style p.

9. Enter the heading **Rootrainer Trees**

Set the text to style h1.

10. Below the heading, create a table which has 4 rows and 2 columns.

11. Merge the cells to create the table as shown below.

12. Set the cell padding for the table to **3**, the cell spacing for the table to **5**, the width of the table to **100%** and the table border to **1**.

13. Using the contents of the file **SPECIMEN1.TXT**
- place the text *Our company...to the customer.* into cell A and format this as style h2
- place the text *Plants for all...evergreen.* into cell B and format this as follows:
  Plants for all soil types: as style p
  acid as style li
  alkaline as style li
  neutral, as style li
  and for all environments: as style p
  deciduous as style li
  coniferous as style li
  evergreen as style li
- place the text *You can contact us in many ways.* into cell C and format this as style h2
- place the text *Through our website...of our services.* into cell E and format this as style h3

14. Import the image **SPECIMEN4.GIF** and place it in cell D.

Set the height to 250 pixels and maintain the aspect ratio.

Centre align the image.

Make sure that the whole image is visible.

15. Set the background colour of cell D to black.

16. Place the contents of **SPECIMEN3.HTM** below the table to create the menu as a new table.

Set the height of this table to 100 pixels.

Set the text to style h2.

17. Create a hyperlink for the menu item **Try Bonsai** to point to the file **SPECIMEN2.HTM** which should open in a new window called **_external**
Note that the web page which you have linked to is not yet complete.

18. Create a hyperlink from the text **Order** Form to the file **ORDER_FORM1.HTM** which should open in a new window called _orderform
Note the page which you have linked to has not been created.

19. Create an anchor at the top of the page called **TOP**

20. In the text *Click Here to return to the top of the page*, make only the words *Click Here* a hyperlink to the anchor that you have just created.

21. Save the page as **HOMEPAGE.HTM**

22. Print this page as it is viewed in your browser. Print a copy of the HTML source.

23. Open the file **SPECIMEN5.JPG** in a suitable application. Change its width to 40 pixels and its height to 60 pixels. Ensure that the colour depth is 256 colours (8 bit colour) and save the file as **SPECIMEN5.GIF**

24. Open the file **SPECIMEN2.HTM**

25. Change the width of the table so that it fills the width of the window in any web browser.

? Help

26. Import the image **SPECIMEN6.JPG** into the right cell of the table.

27. Resize the image **SPECIMEN6.JPG** to 500 pixels high and 370 pixels wide.

? Help

28. Replace the text *Candidate name* (at the top of the page) with your name, centre number and candidate number.

Change this line of code from paragraph style to style h5.

? Help

29. Replace the text *click here* (at the bottom of the page) with the image **SPECIMEN5.GIF**

30. Make the image a link in the same / current window to the file **HOMEPAGE.HTM**

? Help

31. Set the cell padding for <u>both</u> tables to **4** and the cell spacing for <u>both</u> tables to **4**

32. Set the table border of the top table to **1** and the table border of the bottom table to **2**

? Help

33. Merge the two cells that contain the word *Adhesives* so that they become a single cell, containing only the word *Adhesives*
Make sure that this new cell uses 44% of the table width.

? Help

34. Align the text in the top left cell of the first table and the text *Sponsored links here* to the top of their table cells

? Help

35. Identify 2 new hyperlinks that need to be created from the text on this webpage. Make a note of the type of hyperlinks required and the text that these hyperlinks will link from but do not create them.

? Help

36. Attach the external stylesheet that you saved in step 2.

37. Ensure (by removing code if necessary) that if you are using a WYSIWYG package the styles are not overridden by the package.

38. Save the page as **SPECIMEN2.HTM**

39. Make sure your name is displayed on each page. Print this page as it is viewed in your browser. Print a copy of the HTML source.

Note: If the screenshot of the browser view does not show the whole page (both images) then use File – Print instead.

40. Using a suitable software package, edit the file **STYLESHEET1.css** so that only the following changes are made:

➤ the red and blue components of h2 remain the same and there is no green component in any of these styles

➤ the paragraph style has no red component and the green and blue components are set to 50%

➤ set style h1 so that the primary font is Times New Roman, but if this is not available the browser selects any serif font

➤ set style h2 so that the primary font is Arial, but if this is not available the browser selects any sans-serif font

➤ fully justify style h1

Make sure that the stylesheet that you have edited will work in any browser.
Save the stylesheet as STYLESHEET2.css and print it.

Make sure that your name, centre number and candidate number are printed on this page.

41. Open the webpage HOMEPAGE.HTM so that it can be edited.

42. Attach the stylesheet STYLESHEET2.CSS to this webpage in place of the current stylesheet.

? Help

43. Open HOMEPAGE.HTM in your browser and print it.

44. Print a copy of the HTML source for HOMEPAGE.HTM

After the examination time – on the html printouts of your webpage

On your printout highlight those portions of the code which show that:

Your name, centre number and candidate number are present

An external stylesheet *of your own* is attached to HOMEPAGE.HTM and SPECIMEN2.HTM

stylesheet2 is attached HOMEPAGE.HTM

The table border is set to 1 point

The table widths are 100%

The table height is 100 pixels

The cell spacing is set to 5 point and the cell padding is set to 3 point

SPECIMEN4.GIF is resized to 250 pixels high and is centred aligned

The background colour of cell D is black

The hyperlink from **Try Bonsai** opens **SPECIMEN2.HTM** in a new window called **_external**

The text **Order** Form links to the file **ORDER_FORM1.HTM** and opens in a new window called _orderform

The anchor **TOP**

The text **Click here** links to the anchor **TOP**

SPECIMEN6.JPG is resized to 500 pixels high and 370 pixels wide.

SPECIMEN5.JPG has been changed to .gif format

SPECIMEN5.GIF is resized to 40 pixels wide and 60 pixels high

SPECIMEN5.GIF hyperlinks to **HOMEPAGE.HTM**

The cell spacing and cell padding of both tables is set to **4**

The table border of the top table and bottom table is **1** and **2** respectively

There is a single cell, containing only the word *Adhesives* which uses 44% of the table width.

The text in the top left cell of the first table and the text *Sponsored links here* are aligned to the top of their table cells