



Uva Wellassa University, Sri Lanka  
Faculty of Science & Technology  
1<sup>st</sup> Semester Examination February/March 2012  
CST 223-1 Web Designing



This paper contains **One(01) Question with Two Parts (Part A and Part B)**  
**Complete All the Parts**  
**Time Allowed: Two(02) hours**

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**Instructions:**

- **NO INTERNET SERVICE IS PROVIDED.**
  - **USB MEMORY OR ANY OTHER MASS STORAGE DEVICES ARE NOT PERMITTED.**
  - **YOU CAN USE YOUR OWN NOTES BUT SHARING NOTES OR USING TEXT BOOKS ARE NOT PERMITTED.**
  - **SAVE YOUR WORKS REGULARLY DURING THE EXAMINATION.**  
**RECOVERY OF AN UNSAVED WORK IS IMPOSSIBLE IN A CASE OF POWER FAILURE.**
  - **Access the Course Management System (CMS) using your username and password on Microsoft Windows Platform.**
  - **Find the link 200 Level under Computer Science and Technology, you can find CST223-1 End-Semester Examination link.**
  - **You may use Notepad++ as the designing tool on Microsoft Windows Platform.**
  - **Relevant Images can be found in images.zip folder available on the CMS.**
  - **Text Contents for each webpage can be found in text.zip folder.**
  - **List of the HTML Colour Code, HTML, CSS2 and CSS3 references are also available on the CMS.**
  - **All Files should be saved in a Single Folder under Your Index Number, i.e. for example UWU\_EX\_YY\_0000.**
  - **At the end of the examination, Zip the Folder (which you have already created under your index number) and Upload it to the CMS through Zipped Answer link.**
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**Q1.** You are assigned to design the UWU website which should consists of **five (05) web pages** including the main (**index**) page.

**Part A**

Create **five (05) HTML documents** which meet **HTML 4.0** standard. You can use an appropriate visual structure for the website (HTML pages). Your design should meet the following requirements;

- a. There should be five HTML documents as;
  - i. index.html
  - ii. aboutus.html
  - iii. contactus.html
  - iv. education.html
  - v. faculties.html
- b. Unzip **images.zip** to your working folder and refer images from the HTML documents. Use appropriate images and text where applicable. Wrap the text around the images convenient for the webpage.
- c. You have to maintain the identical format throughout the website. i.e. header, footer and side panels, if any
- d. You may use any colour scheme suitable for the design (**List of the codes is given**).
- e. A navigation menu bar should be maintained as shown in **figure 01**.

Home	About Us	Education	Faculties	Contact Us
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Figure 01 – menu bar

- f. Add a left-side panel and create a News box displaying the following news inside the news box in which appropriate margins, padding, border styles and other formatting should be applied. You should **List** (use unordered list formatting) the news using HTML tags.

“Glamouro - 2012 was held on 02 February 2012 @ the UWU Main Theater”  
“General Convocation – 2012 is about to be held in April.”
- g. Add three (03) Tables representing the each faculty into **faculties.html** page and include all the departments under each faculty with their introductions in two columns. Format each table with different styles (example: border width, border colour, header column shading, etc. Use CSS to format its properties). All tables should be aligned to the center of the webpage.

(40 marks)

## Part B

Create a Cascaded Style Sheet (CSS) to achieve the following objectives and save it as **style.css**. You must provide solutions for **cross-browser issues in each CSS Selector, if any**. Further you have to use **CSS alternatives instead of tables** for the visual structure of the website.

- Format the header of the webpage using the image given as **banner.jpg** where you have to use CSS alternatives to apply the image.
- Set the website title as **“Uva Wellassa University of Sri Lanka”**, which should overlap and be properly located on top of the banner image with appropriate font size and colour. (See figure 02)
- The University slogan, **“Center of Excellence for Value Addition to the National Resource Base”**, should be added and centered at the bottom of the header image with appropriate margins and padding. (See figure 02)

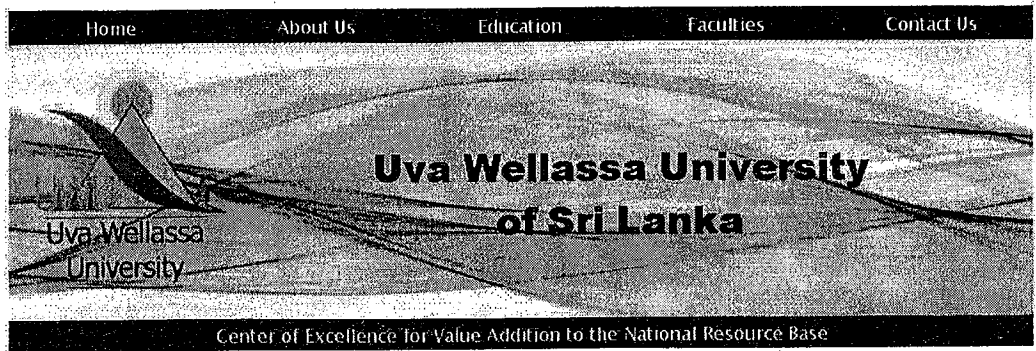


Figure 02

- In the menu bar (figure 01) the default format (decoration) of the hyperlink should be removed and background colour of the menu item should be changed when the mouse point is moved on to a menu item (example: figure 03).

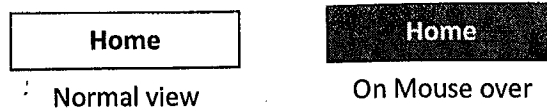


Figure 03

- Include a copyrights statement at the center of the footer.
- Use the **banner.jpg** image as the background of the header of the page
- Default body font type should be changed to "Lucida Sans Unicode".

(60 marks)