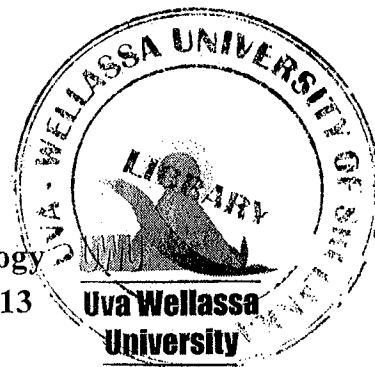


**Uva Wellassa University of Sri Lanka**  
**Faculty of Science & Technology**  
**Department of Computer Science & Technology**  
**First Semester Examination March/April 2013**  
**CST223-1 Web Designing**



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Time Allowed: **Two (02) hours**

Total mark : **100**

**Instructions:**

**NO** digital storage devices are allowed

All files should be saved in your **Z** drive

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**Part A:** HTML/XHTML and Cascading Style Sheets (CSS)

You are supposed to design a website for National Zoological Park. Requirements for the design are given below;

- Website must contain a **homepage**, giving an introduction of the Zoological Park (Necessary text content and images are given).
- Homepage should be partitioned into four (04) sections as Header, Footer, Left Panel and the Main container.
- Identical header and footer must be maintained throughout the website (header image can be found in "Exam\Animals" and include your examination number to the footer of the website as the copyright bearer).
- Website should contain minimum of following pages in addition to the homepage
  - About us
  - Visitor's info
  - Animals
- Maintain a horizontal menu bar just below the header, so that users can navigate other pages (About us, Visitor's info, Animals, Contact us, etc.) of the website.

You should follow the following design constrains as well.

- Use **XHTML 1.0 Transitional** version to develop the website.
- Use Cascading Style Sheet (CSS) to arrange and format the content. Use of HTML tag (for table) **will not** gain any mark.
- You have to use appropriate **CSS style** (Inline, Embedded or External) as required.
- Title of the website should be overlaid with the header image.
- Select a suitable color theme.
- Hyperlinks **should not** have the underline decoration.
- Convenient font styles and sizes should be selected.
- Attractiveness of the design will gain additional mark.

**(60 Mark)**

**Part B: XML and JavaScript**

- Create XML file (animal.xml) containing following information about the groups of animal.

Animal Group

Fishes, Amphibians, Reptiles, Mammals and Birds

Description

Description for each group is given as text file in "Exam\Animals" folder.

- Add another webpage to your existing website and link it to "Animals" page. Retrieve the information from XML file (animal.xml) using JavaScript. Relevant images should be placed under each group (images can be found in "Exam\Animals" folder).
- Modify "Visitor's info" webpage in such a way that once the user enters the number of visitors under relevant category, total price should be displayed in a separate column (see Table 01).

Group	Price per visitor (Rs.)	Number of visitors	Total price
Foreign Adult	2,000.00		
Foreign Child	1,000.00		
SAARC Adult	500.00		
SAARC Child	250.00		
Local Adult	100.00		
Local Child	30.00		
School groups higher than 25	20.00		

Table 01

- All webpages should be properly formatted using CSS (you may use HTML table tag only for Table 01).

(40 Mark)