

COMPUTER STUDIES

Paper 2

(PRACTICAL)

(Reading Time: 15 minutes)

(Planning Session: One hour)


(Examination Session: Two hours)

(Maximum Marks: 100)

(Candidates are allotted additional time of 15 minutes for only reading the paper.

They must NOT start writing during this time)

INSTRUCTIONS

1. This paper consists of **TWO** sections: section A and section B. Section A is purely on HTML. Section B covers both HTML and JavaScript.
 2. Section A is compulsory. Section B contains **TWO** questions from which you are required to attempt only **ONE**.
 3. All your work should be saved in a folder named with your actual index number on the Desktop. For example,  012071090123 this folder is named with the index number 012071090123. Your name or school name **CANNOT** be used as folder name or file names.
 4. You are allowed to use **ONLY Notepad** for this practical. Use of any other HTML editors will result in cancellation of your work.
 5. The intended marks for questions or parts of questions are given in brackets [].
 6. Make sure that your folder is handed over to the visiting examiner at the end of the examination.
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SECTION A

Compulsory

Question 1

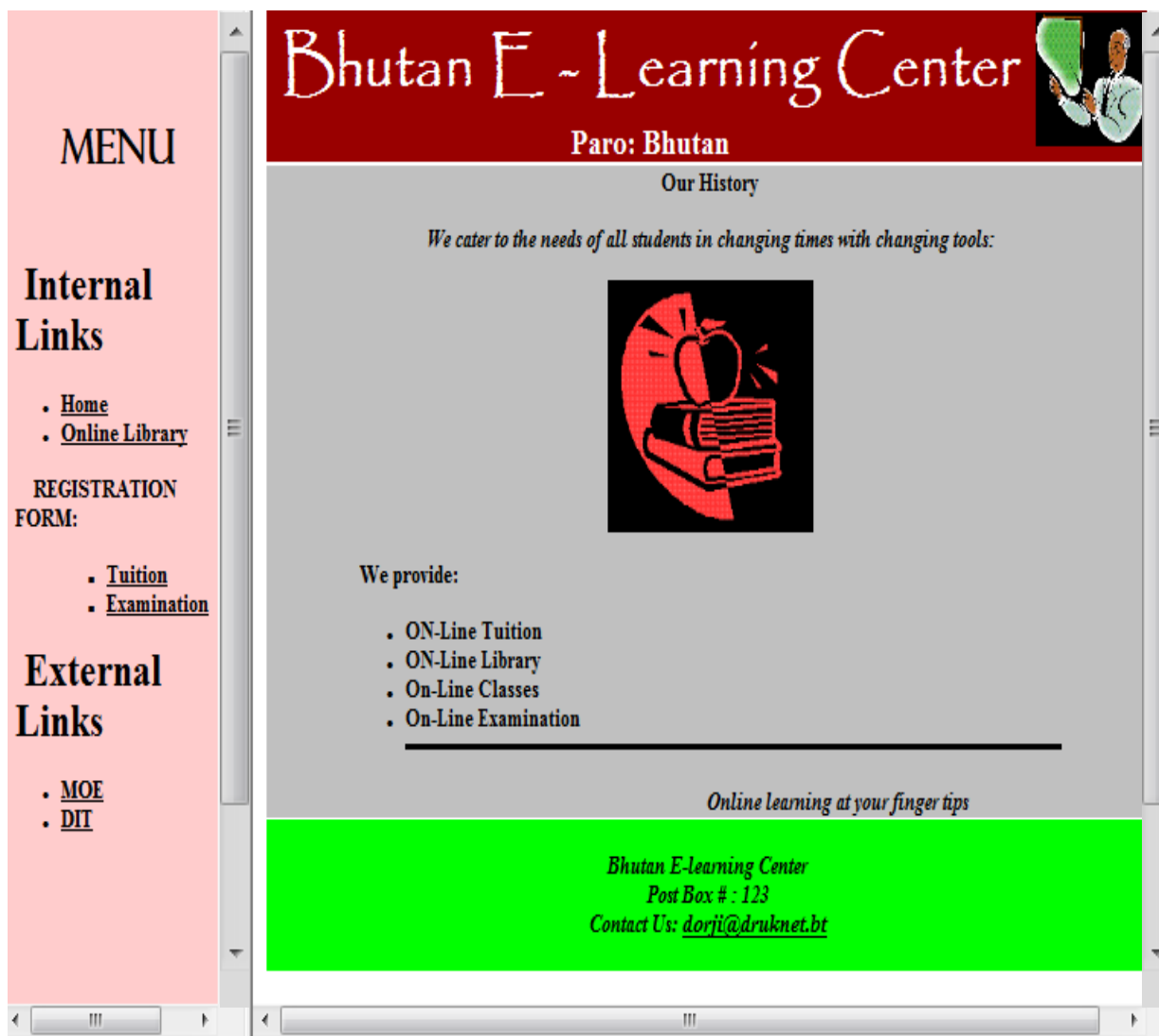
[50 marks]

INSTRUCTIONS: *For this part of the question you are required to create frames and two HTML documents which will be the sources for the frames.*

- A. Using a frame, divide the browser window into **TWO** vertical windows of width 20% and 80% and save as MyFrame.Html. The source for the first window is from Menu.html and second window is from Index.html as shown in the screenshot below.

[5]

SCREEN SHOT 1



- B. Create a HTML document (Menu.html) which contains Internal and External Links as shown in the screenshot 1. The address for each link is explained below:
- i. Internal Links
 - Home – Link to index.html
 - Online Library – Link to library.html
 - Tuition – Link to tuition.html
 - Examination – Link to exam.html
 - ii. External Links
 - MOE – Link to www.education.gov.bt
 - DIT – Link to www.dit.bt
- C. Create a HTML document Index.html. Do necessary formatting to reproduce the layout of the webpage given in the screenshot 1: [11]
- D.
- i. This document should contain a header with company's name and logo (use the available resources in your machine). [4]
 - ii. In the footer, using address command, insert address and email link (dorji@druknet.bt) of the company. [4]
 - iii. Create a marquee using the text "Online Learning at your finger tips" and place it as shown in the screenshot. [3]
 - iv. Body portion contains information and services offered by the company. Use necessary tags and its attributes to reproduce a similar output. [10]
 - v. Use an image attribute in an image tag to display the message "e-learning center" when mouse rolls over the image in the body. [3]
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SECTION B [50 Marks]

Answer any ONE of the questions

Question 2

[50 marks]

Instructions: Use the same layout as in Index.html.

- A. Create a web page titled "Tuition – Registration" and save it as Tuition.html. [3]
- B. Use appropriate tags and attributes to display a similar form and output as shown below. (The web page should be similar to the screenshot given below.) [15]

SCREEN SHOT 2

Bhutan E-Learning Center
Paro: Bhutan

Tuition Registration Form

Name: Contact No.:

Sex: male female Class: X XII

Subject: **Business Mathematics** Frequency in a month: **twice a month**

In brief write the chapters that you want to study and why you want to enroll:

Business Mathematics | **twice a month**

Business Mathematics
Mathematics, Science
English
Geography
Chemistry

twice a month
twice a month
four times a month

Total Cost is Nu. for times a month

Bhutan E-learning Center
Post Box #: 123
Contact Us: dorji@druknet.bt

- C. Write a JavaScript function “validate()” to check if Name and Contact No. fields are not left blank, if left blank, pass a message “Name and Contact No. fields are must be filled.” or “You can submit the form.”, if Name and Contact No. are filled. [2]
- D. Use event handler on Click on Validate button to call the function “validate ()” to make sure Name and Contact No. are filled. [2]
- E. Write a JavaScript function “calc Cost ()” to calculate the total cost for the tuition for a month only if Name and Contact No. fields are filled. [16]

Hint:

Subject	Cost (Twice a month)	Cost (Four times a month)
Mathematics (Business, Science), Chemistry	2000	2000× 2
English	1000	100×2
Geography	1500	1500×2

- F. Write a JavaScript code to display the Total Cost and frequency in a month in its appropriate Text box on clicking the “Submit to Calculate the Cost” button. [2]
- G. The form should be reset by clicking the reset button. [2]

Question 3

Instructions: *Use the same layout as in Index.html.*

- A. Design a web page titled "Exam Registration" and save it as Exam.html.
- B. Use appropriate tags and attributes to display a similar form and output as shown below. (The web page should be similar to the screenshot given below.)

[15]

SCREEN SHOT 3

Bhutan E-Learning Center
Paro: Bhutan

Examination Registration Form

Name*

Contact No.*

Sex: male Female

E-mail address

Stream →

- Arts
- Class X
- Arts
- Science
- Commerce

Subject →

- English
- Maths
- Commerce
- Accounts
- Dzongkha
- English
- Science
- HCG

*Fields marked with * cannot be left blank.*

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Contact Us: dorji@druknet.bt

- C. Write a JavaScript function “validate()” to check if Name and Contact No. fields are left blank, if left blank, pass a message “Name and Contact fields are must” or “You can Submit the Form” if both the fields are filled. [1]
- D. Write a JavaScript function “display ()” to display Name, Contact No, Sex, Stream and Subject and a message “You will be contacted regarding the date and time for the examination over the phone” in a new window of appropriate size if Name and Contact No are filled. [16]
- E. Write a JavaScript code to call the function “display ()” on clicking Submit button. [2]
- F. Use Event handler on Check List button, so that when mouse moves over the button, it calls the function “validate ()”. [2]
- G. The form should be reset by clicking the reset button. [2]

