NEW CURRICULUM

Student Bounty.com

COMPUTER STUDIES Paper 1 (THEORY)

(Reading Time: 15 minutes) (Writing Time: three hours) (Maximum Marks: 100)

This paper consists of TWO sections: Section A and Section B.

Section A is COMPULSORY. Attempt ANY FIVE questions

out of **SEVEN** questions from Section B.

All working, including rough work should be done on the same sheet as the rest of the answer.

The intended marks for questions or parts of questions are given in brackets [].

SECTION A [50 MARKS] (Attempt ALL questions.)

Question 1 $[10 \times 1 = 10]$

Directions: each question in this section is followed by four possible choices of answers. Choose the correct answer and write it down in the answer script provided.

- a) Which one of the following cannot be used as HTML editor?
 - A Paint
 - B Word
 - C Photoshop
 - **D** Internet Explorer
- b) In the tag given below which part is the "value"? <a href="table-
 - **A** 1
 - **B** =
 - C table
 - **D** border

Which one of the following is an invalid variable declaration?

var CostPrice

var Cost Price

var Cost_Price

var _costPrice

h)

A B

 \mathbf{C}

D

The main content of a web page is inserted within tags.

Full form of HTML is

Extension used for HTML documents is

h)

i)

j)

Question 3

Directions: while answering the questions, indicate briefly, your working and reasoning wherever required.

- a) Where do we define the title of the web page? Write a statement to display the title of a web page as "Home Page".
- b) Write HTML tag to insert an image name "logo.gif" with border of 5 pixels.
- c) Write four tags required in every HTML page.
- d) Write HTML code to generate the following table:

e) Sketch the table which will be generated by the following HTML code:

- f) Why do we need to specify NAME attribute within a FRAME tag?
- g) What are the two main requirements for web hoisting?
- h) What type of organization does the domain name: www.telecom.net.bt belong to?
- i) Is JavaScript an interpreted language or a compiled language? Explain.
- j) onclick = "alert("aha! an event!");"Above code is a part of a statement. Rewrite the code in correct form.
- k) The value of string greet is "Good Morning". What would be the value of greet.length?
- 1) Differentiate between ++i and i++.

5 is the square root of 25 4 is the square root of 16 3 is the square root of 9 2 is the square root of 4 1 is the square root of 1

Differentiate between methods and properties. n)

m)

Arrange the following objects according to object hierarchy: o) Form, Window, Document, Checkbox.

SECTION B [50 MARKS] Direction: Attempt any FIVE questions.

Question 4		[10]	
a)	(i) (ii)	When do we use ALT attribute in HTML document? Code an example using ALT attribute.	[2] [2]
b)	(i) (ii)	Explain the difference between web server and web client. What protocol is used to communicate between web server and web client?	[1] [1]
c)	How many parent objects do you find in the following statement? window.document.myimage		[2]
d)	Differentiate between 'cell spacing' and 'cell padding'.		[2]
Question 5			[10]
a)	Write a script to display the message, as shown in the screenshot, when the mouse hovers over the button:		[5]

[1]

b) Analyze the function given below and answer the questions following it: function increment(x, y)

When x = 2 and y = 3,

- (i) What is the value returned after first iteration? [1]
- (ii) What is the final value returned from this function? [3]
- c) What standard file name is generally given to the home page? [1]

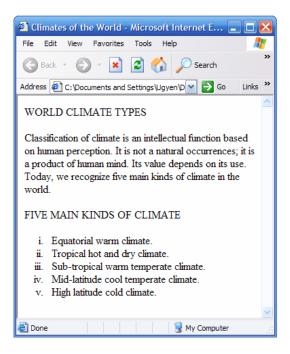
Question 6 [10]

a)

- (i) What is ISP? [1]
- (ii) Name one ISP in Bhutan. [1]

b)

(i) Write down the HTML code to generate the following web page: [4]



(ii) Modify the code in (i) above to set the font color of the title "Introduction and Characteristics" to blue and the font size to 16.

</SCRIPT> <body>

<INPUT TYPE= "button" VALUE= "Click Me"</pre>

Age group:

Gender:

[2]

[2]

(i)

(ii)