



MOTITHANG HIGHER SECONDARY SCHOOL  
THIMPHU THROMDE



Mid-Term Examination 2019

Subject: Computer Studies

Full Marks: 100

Class: XII

Writing Time: 3 Hours

Name: \_\_\_\_\_ Class & Section: \_\_\_\_\_

Roll No: \_\_\_\_\_

Invigilator signature: \_\_\_\_\_

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**READ THE FOLLOWING DIRECTIONS CAREFULLY:**

1. **Do not** write for the first **fifteen minutes**. This time is to be spending on reading the questions.
2. This paper consists of **TWO** sections: **Section A** and **Section B**. **Section A** is **COMPULSORY**. Attempt **ANY FIVE** question Out of **SEVEN** questions from **section B**
3. 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 [ ].
4. Read the directions to each question carefully and write **all** your answers in the space provided in the **question booklet** itself.
5. Do not remove any leaflet from this booklet.
6. **Do not** leave the examination hall before you have made sure that you have answered all the required number of questions.

Questions	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Award										
Marker's initial										
Total										

## Question 1

**Direction:** Each question in this section is followed by four possible choices of answers. Circle the correct answer.

- i. Which one of the following attributes allows the user to choose more than one of several choices in HTML forms?  
A Radio  
B Option  
C Select  
D Checkbox
  
- ii. Which of the following is TRUE about LiveScript?  
A Netscape Navigator 2.3 in 1992  
B Netscape Navigator 2.2 in 1993  
C Netscape Navigator 2.1 in 1994  
D Netscape Navigator 2.0 in 1995
  
- iii. Which one is a visual editor to design a webpage?  
A Notepad  
B WordPad  
C MS Excel  
D FrontPage
  
- iv. What is the purpose of shift( ) method in an array?  
A Adds one or more elements at the end of an array and returns its new length.  
B Returns the last element of an array and removes it.  
C Returns the first element of an array and removes it.  
D Used to add or remove elements from an array.
  
- v. Which of the following is the correct statement to call a function named “myFunction”?  
A myFunction( );  
B call Function( );  
C ScriptFunction( );  
D call myFunction( );
  
- vi. To test JavaScript we need a  
A. notepad.  
B. text editor.  
C. ftp program.  
D. web browser.





v. Write html codes to create a table with 2 rows and 2 columns without border.

vi. Mention TWO advantages of using JavaScript over HTML?

vii. *myword = " this is my word";*  
*document.write (myword.length)*

Correct the syntax error in the above code and find the output of the above code?

viii. What is the difference between <p> and <br> commands?

ix. Write HTML codes to divide the window into four equal frames?

- x. Why is JavaScript renamed as LiveScript?
- xi. Write a JavaScript code to generate given three numbers below using while loop.  
2      5      8
- xii. Dawa wants to promote his tourism company. You as an IT professional recommend him **two** web-based tools that can make his company customer friendly, thereby promoting his business.
- xiii. Write HTML codes to generate given listing.  
A. Fruits  
    V. Mango  
    VI. Banana  
B. Vegetables

xiv. Explain how you are going to make your website accessible by others online.

xv. Write a JavaScript code to display today's date.

**SECTION B [50 MARKS]**

**Direction: Attempt any FIVE questions.**

**Question 4**

1. Write html codes to create the following form:

[5]

Name:

Gender:  Male  Female

Stream:  Arts  Science  Commerce

Address:

2. Create an array called mobiles which stores “Samsung, i-Phone, Nokia, Lava, Motorla” and display the sorted mobiles in an alphabetical order. [3]

3. What is the use of `parseInt ( )` function? Show with an example. [2]



### Question 5

1. Using `if` statement, write a JavaScript code that flags a message “*Pass*” if user enters mark more than 40 and “*Fail*” otherwise. [3]
2. Explain the use of `<p>` and `<br>` tags of HTML. [2]
3. Write a JavaScript code to ask user to enter at least two numbers and output the sum and average of these two numbers in alert box using a function. [5]



### Question 7

1. Write a HTML code to display the given table and email link to [mhss@education.gov.bt](mailto:mhss@education.gov.bt).

[7]

	<a href="mailto:mhss@education.gov.bt">mhss@education.gov.bt</a>	

2. Write a JavaScript to test whether the user input natural number is either even or odd and display a message accordingly.

[3]

### Question 8

1. Write HTML code to display the list as shown below:

[5]

C. Desktop

- Dell
- Acer

D. Laptop

- Sony viao
- Mac book

2. Using switch case, display a message “Ice cream” if the case is Hot and “Tea”, if the case is Cold.

[5]

### Question 9

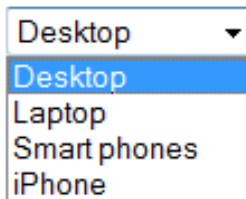
1. Explain the difference between = and == operators in JavaScript. [2]
2. Write a JavaScript code using method of a string object to get the output KL from the string my String = "ABCDEFGHJKLMNOP". [3]
3. Explain the difference between a radio button and a check box used in a form with an example. [3]
4. What is an empty tag? Give **ONE** example. [2]

## Question 10

1. Write a short note on testing and debugging the script. [3]

2. Explain the term variable. Write a script to declare a valid variable by assign a value. [2]

3. Write HTML code to produce given form: [2]



The image shows a screenshot of a web browser's dropdown menu. The menu is open, displaying five options: "Desktop", "Desktop", "Laptop", "Smart phones", and "iPhone". The first "Desktop" option is highlighted in blue, indicating it is the selected item. The dropdown menu is contained within a rectangular box with a thin border.

4. Explain how we can merge table column and row in html with an example. [3]