1a. In a sequential manner, define the structure of HTML   **5mrks**

b. HTML tags must have an opening and closing tag, however there are some
Elements with exemption to this rule. Mention 2 of those elements and
Describe their uses   **6mrks**

c. Differentiate between "getElementByClassName" and "getElementByTagName"
in JavaScript.   **4mrks**

2a. Explain the difference between Incognito Mode and Secure Browser.   **4mrks**

b. Write an internal CSS with its corresponding HTML code to perform the following   **3mrks**
(i) Underline a text   **2mrks**
(ii) Bold a text   **2mrks**
(iii) Float an image to the Right   **2mrks**
(iv) Remove any Margin from the Page (Body)   **2mrks**

3 (i). Convert an RGB color code of rgb (212,014,200) to its equivalent HEX color code.
Show workings   **6mrks**

(ii). Write a simple Bio-data webpage code associated with an Internal CSS using a
Linear-gradient background-color. Take height as 100px   **9mrks**
Tip: the bio-data shall take name and date of birth only

4 (i). Briefly explain the concept of "CAL" and how it positively affects you as a   **5mrks**
Student in Modern Times.

(ii). Interpret the code below by designing its expected output

```
<head>
<style>
   Body{
       Background-color:green;
       margin:0px;
       }
    .header{
       Text-align: center;
       Background-color: navy;
       Color: white;
       Text-decoration: underline;
       text-decoration-color: black;
       height: 100px;
       }
</style>
</head>
<body>
    <h3 class="header"> This is heading </h3>
```

```html
<img src="hp_logo.png" width="50px" height="50px" alt="this is heritage logo"></img>
</body>
```

Tip: Ensure to label your design accurately   **10mrks**
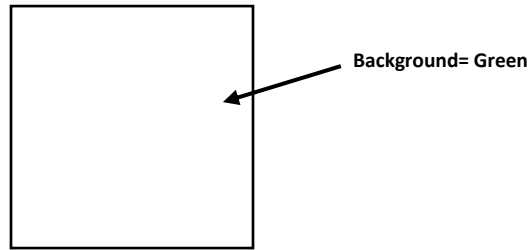
Background= Green

5 (i).   Explain the difference and the application of <title> </title> and
         <h1 title="This is H1">   **4mrks**
(ii).   I created a webpage with a green background-color. During my execution,
         I noticed some white border within the webpage, In not more than three lines,
         Write a code to correct such error.   **3mrks**
(iii).   Using a simple HTML program, Explain the term 'Hypertext' and 'Hypermedia'.   **8mrks**

6(i).   Write a program to display the courses offered by you this semester in the format below

Courses offered

S.no	COURSES	
1.	COURSE CODE	COURSE TITLE
2.	CTE111	Intro to Web Development
3.	CTE112	Computer Applications
4.	CTE113	Workshop Practice

                                                                              12mrks
(ii).   Explain the penalty of plagiarism as a student   **3mrks**

7(i).   Explain the importance of media query in web development   **5mrks**
(ii).   Differentiate between variables and Data types in JavaScript.   **4mrks**
(iii).   Describe the use of an overflow CSS property using a simple program to
         Illustrate.   **6mrks**

8(i).   List 5 most essential elements and 5 attributes you used in designing your
         December take home project   **5mrks**
(ii).   To avoid public misconception of your personality, it is advised that you should
         Create a digital identity. List 8 ways this could be achieved and explain any 3.   **10mrks**

9(i). Using css program, write a code to depict the shape below   **4mrks**

Tips: take height as 50px and radius as 40px

(ii).   Write a simple code implementing the use of:
   (a) Fixed positioning
   (b) Absolute positioning   **8mrks**

(iii). Differentiate between 'rowspan' and 'colspan'.   **3mrks**

10(i)   Debug and rewrite the code below

```
<! Doctypehtml>
<Html>
<Head>
<Title></title>
<body>
</head>
<h1 This is a heading<>
<img src = "image.png"></img>
<maque> this is a running element </marquee>
<Hello world </p>
<Html>
<Body>
```
                                                                                    7mrks

(ii)   An image source could be either used with an image path and am image name,
       However To use an image name some certain rules must be adhered to:
       Describe that rule and consequence if not followed.   **6mrks.**

(iii) Define the term "INTERNET CENSORSHIP".   **2mrks**