



# **UGANDA INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY END OF SEMESTER EXAMINATIONS**

**ACADEMIC YEAR 2025/2026**

**PROGRAMME(S): DIPLOMA IN BUSINESS COMPUTING (DBC)**

**YEAR OF STUDY: ONE SEMESTER TWO**

**COURSE: WEBSITE DEVELOPMENT**

**COURSE CODE : ICT1206**

**DATE: FRIDAY 26<sup>TH</sup>, JUNE 2026**

**TIME: 9:00 AM -12:00 PM**

**DURATION: 3 HOURS**

**VENUE: TENT A**

## **INSTRUCTIONS:**

**This paper consists of two sections A and B.**

**Attempt all questions from section A and any THREE questions from section B**

## SECTION A – (40 MARKS)

Answer all questions in this section

### QUESTION ONE

- (a) Write the structure of a basic **HTML page**. (04 Marks)
- (b) List **two** softwares used to edit an HTML document. (02 Marks)
- (c) Differentiate between an **id** and a **class** selector. (02 Marks)
- (d) Describe **two** functions of a web browser. (02 Marks)
- (e) State the difference between **Inline elements** and **block level** elements. (02 Marks)
- (f) Define the term **HTML**. (02 Marks)
- (g) Explain **any 2 purposes for html** and **2 purposes for CSS** (04 Marks)
- (h) Mention two levels of HTML headings. (02 Marks)
- (i) Give two parts of an HTML attribute (02 Marks)
- (j) Identify any two **text editing** tools used in website development. (02 Marks)
- (k) Write a line of HTML code that generates the output below.
- (l) **This is beneficial at the moment.** (02 Marks)
- (m) Give the output from the HTML line of code below: (02 Marks)  
`<input type="radio" name="subject" Value="maths"> Maths`
- (n) State the meaning of `<tfoot>` in HTML. (02 Marks)
- (o) Give **two** examples of search engines. (02 Marks)
- (p) Give the functionality of each of the HTML tags below:
  - (i) `<q>` (02 Marks)
  - (ii) `<b>` (02 Marks)
  - (iii) `<strong>` (02 Marks)
  - (iv) `<pre>` (02 Marks)

## SECTION B (60 MARKS)

Answer only three questions from this section

### QUESTION TWO

- (i) Define the terms html **element** and **attribute** (04 Marks)
- (ii) Write about any three types of CSS and how they are used in web design (06 Marks)
- (iii) Illustrate with a diagram the components of the CSS box model. (08 Marks)
- (iv) Apply the properties of box model to any html element of your choice. Use CSS for the demonstration (02 Marks)

### QUESTION THREE

- (a) Differentiate between **SEMANTIC** and **NON SEMANTIC** elements (02 Marks)
- (b) Create a webpage about your home town/village properly structured using the following tags.
  - (i) Nav (01 Mark)
  - (ii) three anchors to (home, about and products) linking to sections (03 Marks)
  - (iii) three sections with id's (03 Marks)
  - (iv) header (01 Marks)
  - (v) three (3) level headings (03 Marks)
  - (vi) footer (01 Marks)
- (c) Generate appropriate content for each section in your page. Create at least two Paragraphs in each of the sections and style the content. (06 Marks)

### QUESTION FOUR

- (a) Define the term Anchor tag (02 Marks)
- (b) Write the CSS syntax for an anchor tag. (02 Marks)
- (c) Describe **any four (4)** purposes of websites. (08 Marks)
- (d) Describe **any Four (4)** benefits of CSS. (08 Marks)

### QUESTION FIVE

You have been requested to create a page in html that will show student attendance and a list Course Units offered in Year 1 Semester 1.

To do list:

- (a) The attendance list should have 5 records . (06 Marks)
- (b) A title for the list (01 Marks)
- (c) An appropriate caption for the list with a heading size (02 Marks)
- (d) The headings in the attendance list should have a unique background, size and color (03 Marks)
- (e) Using a numbered list to generate all the course units for DBC Year I Semester II (03 Marks)
- (f) Add html code for a table header, table body and a table footer to your attendance list (03 Marks)
- (g) Give your attendance list a border, and size. (02 Marks)

## QUESTION SIX

Write an **HTML** code with the following specifications.

- (a) Title should be about your current institute. (02 Marks)
- (b) Place your institute name at the top of the page in **heading one**, followed by the address in the **address tag** (02 Marks)
- (c) Use div tags to section the pages.
- (d) In one div, enter html code for a **Student Application Form**. Ensure relevant information has been captured. (Date of Application, Name of Applicant, Indicate highest level of education e.g. O level or A level, Gender, Programme applied for, email address and submit button) (14 Marks)
- (e) In another div Insert the institute logo with alternate text against the logo. (02 Marks)

## QUESTION SEVEN

- (a) What is the primary purpose of the CSS float property in web design? (02 Marks)
- (b) Provide the CSS code required to make a div element float to the left of its container. (02 Marks)
- (c) How does an element behave when its float property is set to none? (02 Marks)
- (d) Write down HTML code that will reproduce the statement below (05 Marks)  
“the **exams** are *running* from 23<sup>rd</sup> to 30<sup>th</sup> June 2026”
- (e) What is the purpose of the CSS column-count property when applied to a single HTML paragraph block? (2 Marks)
- (f) Explain the purpose of grouping and nesting selectors in CSS. (2 Marks)
- (g) Given the following HTML snippet and internal CSS stylesheet, **what color will the text "Hello World" be when rendered in the browser?** (2 Marks)

```
<div id="main-content" class="container">
```

```
  <p id="text-element" class="highlight standard" style="color: purple;">Hello World</p>
```

```
</div>
```

```
  p {  
    color: blue;  
  }
```

```
  .highlight {  
    color: orange;  
  }
```

```
  #text-element {  
    color: green !important;  
  }
```

- (h) List the different ways to include styles sheet rules in an html document. Which one takes highest priority. (03 Marks)

**END**