



# MIDTERM TEST

TRIMESTER 1, 2019/2020

## DCS5288 INTERNET AND WEB PUBLISHING

29 AUGUST 2019  
2.15pm –3.30pm

(1 hour 15 minutes)

<b>ID</b>	
<b>Name</b>	

SECTION A:	/10
SECTION B:	/30
<b>TOTAL</b>	<b>/40</b>

### INSTRUCTIONS TO STUDENT

1. This question paper consists of **5** pages only excluding the cover page.
2. There are **2** sections. Answer **ALL** questions.
3. For **Section A**, **WRITE** your answers on **pg. 2(ANSWER SECTION)**.
4. For **Section B**, write your answers in the space provided.

**SECTION A – Multiple Choice Questions (10 Marks)**

*Write your answers in the space provided.*

1. What is a web browser?
  - a) A program that can display a web page.
  - b) It allows users to access information on the internet.
  - c) A program that is used to view HTML documents.
  - d) All of the above.
  
2. \_\_\_\_\_ is a piece of code that is capable of copying itself and typically has a detrimental effect, such as corrupting the system or destroying data.
  - a) Virus
  - b) Spam
  - c) URL
  - d) Firewall
  
3. Which of the following is a valid IP address?
  - a) 312.333.21.10
  - b) 125.80.32.15
  - c) 102.141.92.801
  - d) 125.302.22.177
  
4. FTP program is used to \_\_\_\_\_.
  - a) chat online
  - b) scan the computer for program updates
  - c) connect to the Internet
  - d) transfer files over the Internet
  
5. The text contained between the <title>and </title> tag is:
  - a) Not displayed by browser
  - b) Displayed in the title bar of the browser window
  - c) Not used by search engines
  - d) Never seen by your web page editor
  
6. The <legend> tag defines a caption for a \_\_\_\_\_.
  - a) figure
  - b) image
  - c) fieldset
  - d) table

**Continued...**

7. What type of HTML list will automatically place a number in front of the items?
- numbered list
  - unordered list
  - ordered list
  - description list
8. If an element is configured with \_\_\_\_\_ the other content on the page will appear to its left.
- float:right;
  - float:left;
  - position:left;
  - position:relative;
9. Given the following code, what does it represent? `padding:30px 5px 25px;`
- The top and bottom space is 30px, left space is 5px and right space is 30px.
  - The top space is 30px, right and left space is 5px and the bottom space is 25px.
  - The top space is 30px, the bottom space is 5px, right and left space is 25px.
  - The code above cannot be executed as it is an invalid CSS statement.

`h2 {color: aqua;}`

10. In the style code at the above, 'aqua' is called a
- class
  - selector
  - value
  - property

## ANSWER SECTION

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>

**Continued...**

**SECTION B – Structured Questions (30 Marks)**

Write your answers in the space provided.

**Question 1 – HTML (15 marks)**

- Write the full HTML codes for the following website.

The screenshot shows a web browser window with the title "Challenge 24". The address bar shows the file path "D:/Asma\_backup/New%20Folder/Trim%201%201920/D...". The page content includes a heading "Programming Challenge 24", a logo "CHALLENGE24", a paragraph about a programming contest, a list of skills, and a registration form with fields for Team Leader, Team Members, and Category, along with "Register Now" and "Clear" buttons. Annotations with yellow boxes and arrows point to specific elements: "Webpage title", "Heading level 2", "Image logo.png with width of 300px and height of 100px", "A paragraph", "A list", "Only numbers from 1 to 3 is allowed", and "Dropdown list that includes Basic, Intermediate and Advance items."

Challenge 24

Webpage title

Programming Challenge 24

Heading level 2

Image *logo.png* with width of 300px and height of 100px

CHALLENGE24

A paragraph

The university is organizing a programming contest to identify the best programmers among the diploma students of the university with the following:

- vi. Excellent JAVA programming skills
- vii. Good knowledge in Linux environment and tools
- viii. Excellent problem solving skills

A list

Registration Form

Team Leader :

Team Members :

Only numbers from 1 to 3 is allowed

Category : Basic

Dropdown list that includes Basic, Intermediate and Advance items.

Register Now Clear

Continued...

**SECTION B -- Question 1****Continued...**

**Question 2 – CSS (15 marks)**

- a. Write the **Internal CSS** codes for the following horizontal menu. The HTML codes are given as your reference. **[8 marks]**



```
<ul>
  <li><a href="#">one</a></li>
  <li><a href="#">two</a></li>
  <li><a href="#">three</a></li>
</ul>
```

**Guidelines**

- The list:
    - Does not have any bullets.
    - The font is Arial and the width is 400px.
  - The list item:
    - The width is 100px and center aligned.
    - There is a small space of 2px between each hyperlink.
  - The hyperlink:
    - The top left and top right corners are rounded by 10px.
    - There is no underline for the hyperlinks.
    - The background colour is #E0E0F0 and the font colour is #021020.
  - When the mouse goes over the hyperlink:
    - It becomes bold.
    - The background colour changes to #498CD5 and the font colour changes to white.
- b. Write the **CSS** codes for the following descriptions.
- i. Create a class called *title*. This class is used only for heading level 3. It is underlined and italics. **[2 marks]**
  - ii. Create an Inline CSS for a paragraph that is center aligned with 0.75 font size. **[1 mark]**
  - iii. When the mouse goes over a reset button, it becomes faded by 50% and there will be a blue colour shadow around the button that stretches for 15px. **[2 marks]**
  - iv. Create an id called *searchBox* and set an image called *magnify.gif* inside it. There is a 20px space between the border and the text so that the text does not overlap the image. **[2 marks]**

**Continued...**

**SECTION B -- Question 2(a)****SECTION B -- Question 2(b)****End of Page.**