



FINAL EXAMINATION

Semester		SEPTEMBER 2024 SEMESTER
Programme Name	:	DIPLOMA IN IN E-BUSINESS TECHNOLOGY
Course Code & Name	:	DEB2244 WEB DEVELOPMENT
Duration	:	3 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Please read the instructions given in the question paper **CAREFULLY**.
2. The question paper consists of **FOUR (4)** questions.
3. Answer **ALL** questions in the question paper.
4. Answers to the questions are to be written into the examination booklet.
5. Electronic dictionaries, lecture notes, files or any unauthorised materials except writing equipment are strictly prohibited.

This question paper must be submitted along with all used and/or unused rough papers and/ or graph papers (if any). Candidates are **NOT ALLOWED** to take any examination paper(s) used or unused out of the examination hall.

WARNING:

The Examination Board of Peninsula College Georgetown regards cheating as a very serious offence and will not hesitate to mete out the appropriate punitive actions according to the severity of the offence committed, and in accordance with the clauses stipulated in the Students' Handbook, up to and including expulsion from Peninsula College Georgetown.

(This booklet contains 4 printed pages including this page)

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ALLOWED TO DO SO

Answer **ALL** questions on the separate sheet provided.

[100 marks]

1. a) Provide a CSS code that would make all unordered lists have square bullets and a purple background. (4 marks)

- b) Answer the following questions based on the snippet of code below:

```
<p class="poetry" id="stanzal">  
'Twas brillig, and the slithy toves: Did gyre and gimble in the  
wabe: All mimsy were the borogoves, And the mome raths outgrabe.  
</p>
```

- i. Write a CSS code that would make the paragraphs that are using the class in this example appear in italic type. (4 marks)
- ii. Write a CSS code that would make the paragraphs that are using the id in this example appear in bold type. (4 marks)
- iii. Write a CSS code that would make all letters and alphabets in paragraphs, as in this example, appear in blue colour. (4 marks)
- c) Create an HTML code example that demonstrates how to create an unordered list with three items. (9 marks)

Total: [25 marks]

2. a) Explain **FIVE (5)** main processes in web development project life cycle. (15 marks)

- b) Answer the following questions:

- i. Discuss **TWO (2)** importance aspects of information structure. (4 marks)
- ii. Determine the type of information structure in the following diagram. Describe and give an example of type of website that is suitable to implement this type of information structure.

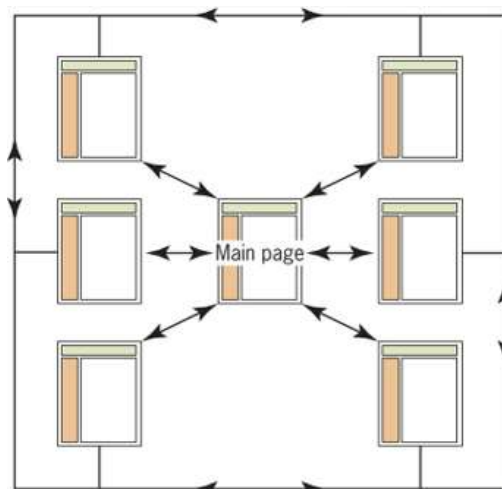


Figure 1

(6 marks)

Total: [25 marks]

3. a) Margin and padding are frequently used in CSS Box Model. Elaborate **FOUR (4)** differences between margin and padding. (8 marks)
- b) A well-designed website is important to help form a good impression on prospective customers. Figure A and Figure B are two examples of websites. Identify which website provides a better look and feel for prospective customers and explain your choice.

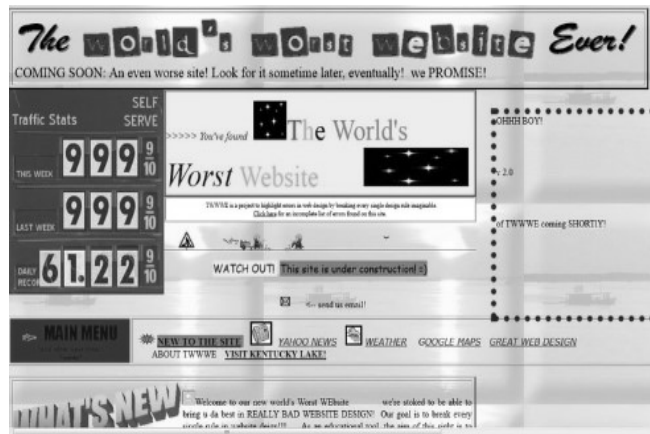


Figure A



Figure B

(5 marks)

- c) The navigation structure of a website describes how different pages on a website are organized and connected to one another. Briefly describe **FOUR (4)** types of navigation structures. (12 marks)

Total: [25 marks]

4. a) List any **FIVE (5)** border styles available in CSS. (5 marks)
- b) Write a complete HTML and CSS code example that demonstrates the use of the following box properties on a `<div>` element:
- `margin`: Adds 20 pixels of space outside the border of the box.
 - `padding`: Adds 15 pixels of space inside the border, around the content.
 - `border`: Adds a 2-pixel solid border around the padding and content.
 - `width`: Sets the width of the content area to 200 pixels.
 - `height`: Sets the height of the content area to 100 pixels.
 - `background-color`: Sets the background colour of the box to pink.

(20 marks)

Total: [25 marks]

- END OF QUESTIONS -