



UNIVERSITI KUALA LUMPUR
MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY

FINAL EXAMINATION
JANUARY 2016 SEMESTER

COURSE CODE : IMB 20803
COURSE NAME : WEB BASED AUTHORIZING
PROGRAMME NAME : BACHELOR OF MULTIMEDIA TECHNOLOGY (HONS) IN
INTERACTIVE MULTIMEDIA DESIGN (BIMD)/
BACHELOR OF MULTIMEDIA TECHNOLOGY (HONS) IN
COMPUTER ANIMATION
DATE : 22 MAY 2016
TIME : 2.00 pm – 4.00 pm
DURATION : 2 HOURS

INSTRUCTIONS TO CANDIDATES

1. Please **CAREFULLY** read the instructions given in the question paper.
2. This question paper has information printed on both sides of the paper.
3. This question paper consists of **ONE (1) Section ONLY**.
4. Answer **ALL** questions in Section A.
5. Please write your answers on the answer booklet provided.
6. All answers must be written in **ENGLISH**.

THERE ARE 5 PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

SECTION A (Total: 100 marks)

INSTRUCTION: Answer ALL questions.

All answer MUST be written inside the answer booklet provided. Do NOT write your answer inside the question paper.

QUESTION ONE

1. The 'Mobile web" complicates our jobs as web designers. Describe **THREE (3)** unknown factors designers need to consider when designing and developing a site.
[6 marks]
2. Web accessibility strategies take into account **FOUR (4)** broad categories of disabilities. Name all **FOUR (4)** and provide a measure you might take to ensure content is accessible for each category.
[12 marks]
3. Responsive web design does not solve everything regarding mobile web design challenge. Describe **ONE (1)** advantage and **ONE (1)** disadvantage of Responsive web design. Describe **ONE (1)** alternative which are much better to address the mobile web design challenge.
[7 marks]

QUESTION TWO

1. A handful of HTML elements, however, do not have text content because they are used to provide a simple directive. These elements are said to be empty. List **FOUR (4)** empty HTML elements.

[4 marks]

2. Obviously an empty HTML element tag is not very useful by itself. That is when "attributes" come in. Describe the term "attributes" and write **ONE (1)** example of the use of "attributes" in HTML.

[4 marks]

3. Explain **FIVE (5)** characteristics of "attributes".

[10 marks]

4. Write out the recommended minimal structure of an HTML5 document.

[7 marks]

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QUESTION THREE

1. Cascading Style Sheets (CSS) is the W3C standard for defining the presentation of documents written in HTML. Describe the **FOUR (4)** benefits of using style sheets.

[12 marks]

2. Briefly explain the difference between External style sheets and Embedded style sheets. Give **ONE (1)** advantage for each type.

[8 marks]

3. Rewrite the following CSS examples using the correct syntax..

A.

```
body
{background-color: black;}
{color: #666;}
{margin-left: 12em;}
{margin-right: 12em;}
```

B.

```
p {
font-size: 1em
line-height: 150%
color: gray }
```

[5 marks]

QUESTION FOUR

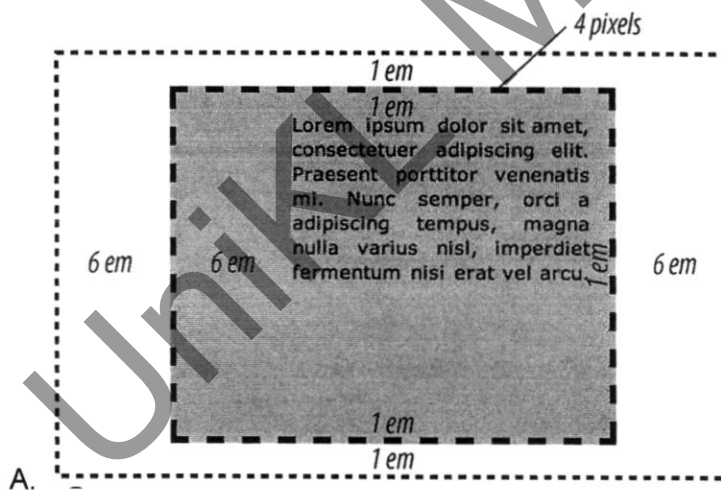
1. Write a style rule for a <h1> element that sets top and bottom padding to 0.5em with a dashed thin red border on the bottom.

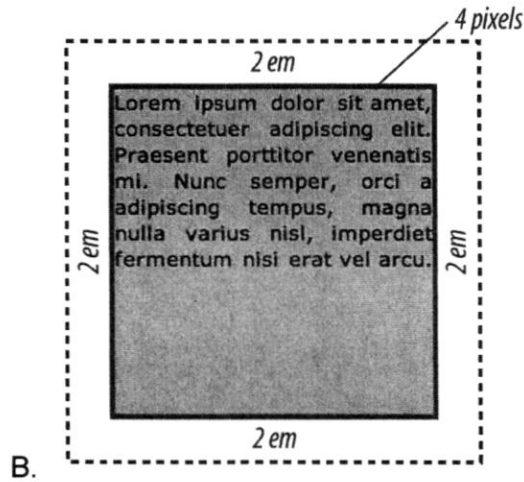
[7 marks]

2. Write the CSS declaration that creates the effects shown below (A and B). All the paragraph shown below share a rule (Figure 1) that sets the dimensions and the background color for each paragraph. You need to provide only the box-related property declarations. You can declare any color for your border.

```
p { background-color: #C2F670;
width: 200px;
height: 200px;}
```

Figure 1





[10 marks]

3. Fixed layouts, as the name implies, are created at a specific pixel width as determined by the designer. Identify **TWO (2)** advantages and **TWO (2)** disadvantages of using fixed-width strategy for your website layout.

[8 marks]

END OF QUESTION PAPER