



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY
DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

FIRST SEMESTER 2015/2016 EXAMINATION

COURSE CODE: IMT212
COURSE TITLE: Web Design with HTML
CREDIT UNITS: 2
TIME ALLOWED: 2Hours
COURSE LECTURER(S): Mr. H. A. Zubairu and Mrs. Faiza Basstan
NUMBER OF QUESTIONS: 5
NUMBER OF PAGES: 4 (INCLUDING THIS PAGE)

INSTRUCTIONS

- Answer all questions
- Do not use red pen
- Please use a clear handwriting
- This exam is closed book, closed notes, closed laptop and closed cell phone
- Please use non-programmable calculators only

1(a) Describe how each of these factors affect your role as a web designer. Be specific.

(i) The variety of browsers in use (ii) Each user's browser preferences (iii) Users with assistive devices (6 Marks)

(b) State whether each of these file names is an acceptable name for a web document or not. If it is not acceptable, state the reason why.

i. Sunflower.html ii. index.doc iii. cooking home page.html iv. Song_Rhyme.html v. games/snake.html (6 marks)

2(a) Copy and complete table 1 as shown (5 marks)

Tag	Function	End tag
<meta>		
		
<h1>		
<hr>		

Table 1: Tags and their functions

(b) Using the directory hierarchy display in Figure 1, write out the markup for the following links and graphics.

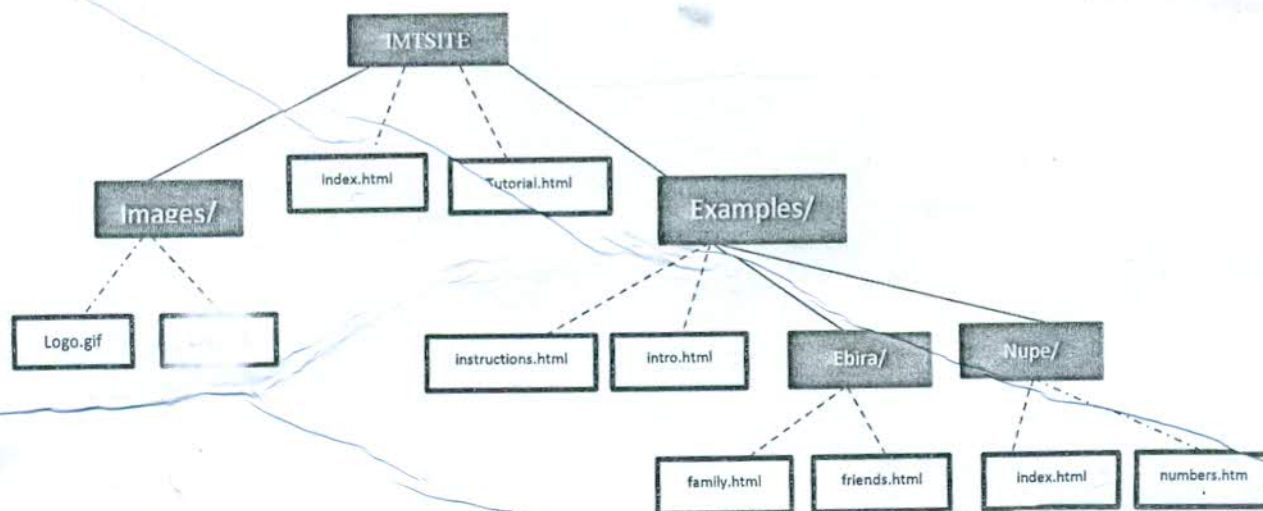


Figure 1: Directory hierarchy

i. In index.html (the site's home page), write the markup for a link to tutorial.html.

ii. In index.html, write the anchor element for a link to intro.html.

iii. Create a link to family.html from the page tutorial.html.

iv. Create a link to numbers.html from the family.html page, but this time, start with the root directory

v. Create a link back to the home page (index.html) from the page instructions. html.
(6 marks)

3(a) What is the difference between caption and summary? (2 Marks)

(b) Why don't professional web designers use tables for layout anymore? (2 Marks)

(c) Identifies six errors in this table markup. (6 marks)

```
<caption>Primetime Television 1965</caption>
```

```
<table>
```

```
Thursday Night
```

```
<tr></tr>
```

```
<th>7:30</th>
```

```
<th>8:00</th>
```

```
<th>8:30</th>
```

```
<tr>
```

```
<td>Shindig</td>
```

```
<td>Donna Reed Show</td>
```

```
<td>Bewitched</td>
```

```
<tr>
```

```
<colspan>Daniel Boone</colspan>
```

```
<td>Laredo</td>
```

```
</tr>
```

```
</table>
```

4(a) You have been asked to create a web page using frames for Precision Research and Transcription Service. Assume that all individual HTML pages have been created and are provided for you as shown in each section.

Name=nav Src=navbar.htm	Name=header Src=coupon.htm	
	Name=main Src=home.htm	
Name=source1 Src= http://babelfish.altavista.com/	Name=source2 Src= http://www.thefreedictionary.com/	Name=source3 Src= http://www.reference.com/browse/all/

I. Writes the HTML frameset codes that will arrange the files and links similar to the diagram above.
(8 marks)

II. Add code to the **nav** frame to prohibit users from adjusting the borders of the frame. (1 mark)

- III. Add code to change all frame borders to the color blue. (1 mark)
- IV. Add code to the **source2** frame that will make it to always open in the main frame (1 mark)
- V. Add code to the **header** frame to prohibit scroll bar from appearing. (1 mark)

5(a) Digital Photo, a chain of photo printing shops, has decided to add a simple survey to the company Web site to investigate the Internet usage of its customers. As a student of IMT212, a web design class, you have been asked to create a Web form as shown below. (15 marks)

Pimp My Shoes Contest Entry Form

Want to trade in your old sneakers for a custom pair of Forcefields?
Make a case for why your shoes have got to go and you may be one of ten lucky winners.

Contest Entry Information

Name:

City:

State:

My shoes are SO old

(Your entry must be no more than 300 characters long)

*It should say this when the page loads.
Don't let them enter more than 300 chars.*

Design your custom Forcefields:
Custom shoe design

Color:

- ☐ Red
- ☐ Blue
- ☐ Black
- ☐ Silver

Features (choose as many as you want):

- ☐ Sparkle laces
- ☒ Metallic logo *Make sure metallic logo is selected by default*
- ☐ Light-up heels
- ☐ MP3-enabled

Size
(sizes reflect standard men's sizing): *Full-down menu with sizes 5 through 13*

Pimp My Shoes!

Good Luck!!!