

**UNIVERSITY OF LONDON**

**GOLDSMITHS COLLEGE**

**B.Sc. Examination 2007**

**INFORMATION TECHNOLOGY**

**IS52019A (IT226)**

**Introduction to Interactive Applications and Website Design**

**Duration: 2 hours**

**Date and time:**

---

- *The examination lasts for 2 hours. Remember to SAVE your work REGULARLY in the allocated folder IT226exam. Your files should be called IT226exam too.*
- *Full marks will be awarded for the completion of the practical task and the documentation as requested in Part II of the exam paper, which should be submitted in a Word document along with the modified web files.*
- *No documents, notes or books are allowed during the examination.*
- *No Internet connection is permitted.*
- *A folder containing a main web page and associated files has been supplied for the exercise. You MAY NOT touch any other files in your filespace while working on the examination. Automated records of file access will be kept during the period of the examination.*
- *There are 75 marks available on this paper*

**THIS PAPER MUST NOT BE REMOVED FROM THE EXAMINATION ROOM**

## Practical task – Part I

[50 marks]

“The power of the Web is in its universality. Access by everyone regardless of disability is an essential aspect.”

*Tim Berners-Lee, W3C Director and Inventor of the World Wide Web*

Using your knowledge of web accessibility and good management practice you are to modify the web page you have been given so that it meets current web accessibility guidelines. You are asked to document the changes you make and explain why making these changes improves accessibility. You can modify both the **it226\_exam07.html** file and the **style\_it226.css** file. Note that the text that forms the content of the web page is simply placeholder text, so you can assume that the words are correct. Any links from **it226\_exam07.html** to other html pages result in a placeholder page called **placeholder.html**, so you do not have to provide the linked page.

## Documentation – Part II

[25 marks]

In a Word document you are asked to explain what changes you made and why these changes improved the accessibility of the web page.

If you did not finish the task in Part I you should explain what you set out to do, how you went about making it and what went wrong. You will get some credit if you show you planned the implementation in a sensible way.

## SUBMISSION CHECKLIST

- The modified .html file
- The modified .css file
- The supporting Word document as **it226exam.doc**

[NB: This file will be provided electronically]

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en"
lang="en">
```

```
<head>
<title>IT226 Exam 2007</title>
<link href="style_it226.css" rel="stylesheet" type="text/css" />
<meta http-equiv="content-type" content="text/html; charset=iso-8859-
1" />
</head>
```

```
<body>
```

```
<h1>Example web page using placeholder text</h1>
```

```
<p>
```

```
Lorem ipsum dolor sit amet, <blink>consectetur adipiscing elit</blink>,
sed diam nonummy
nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut
wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper
suscipit lobortis nisl ut aliquip ex ea commodo consequat.
</p>
```

```
<u>Duis autem vel eum iriure dolor</u> in hendrerit in vulputate velit
esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at
vero eros et accumsan et iusto odio dignissim qui blandit praesent
luptatum zzril delenit augue duis dolore te feugait nulla facilisi.
```

```

```

```
<p style="color:blue;">
```

```
Nam liber tempor cum soluta nobis eleifend option congue nihil imperdiet
doming id quod mazim placerat facer possim assum. Typi non habent
claritatem insitam; est usus legentis in iis qui facit eorum claritatem.
Investigationes demonstraverunt lectores legere me lius quod ii legunt
saepius. Claritas est etiam processus dynamicus, qui sequitur mutationem
consuetudium lectorum.
```

```
</p>
```

```
<p><map name="map">
```

```
<area shape="rect" href="placeholder.html" coords="53,85 163,180"
alt="You Are On The Square" />
```

```
<area shape="circle" href="placeholder.html" coords="272,133 41"
alt="You Are On The Circle" />
```

```
<area shape="poly" href="placeholder.html" coords="366,111 418,87
473,139 473,172 400,172" /></map>
```

```

</p>
```

```
<p>
```

```
Mirum est notare quam littera gothica:<br />
```

```
quam nunc putamus parum claram<br />
```

```
anteposuerit litterarum formas humanitatis<br />
```

```
per seacula quarta decima et quinta decima<br />
</p>
```

```
<p style="background-color:red;color:green;">Eodem modo typi, qui nunc
nobis videntur parum clari, fiant sollemnes in futurum.</p>
```

```
<p>For contact details <a href="placeholder.html">click here</a></p>
```

```
</body>
</html>
```

[NB: This file will be provided electronically]

```
body {  
  margin: 0px 0px 0px 0px;  
  padding: 0px 0px 0px 0px;  
  font-family: verdana, arial, helvetica, sans-serif;  
  color: #fff;  
  background-color: #000;  
}
```