

IMIS DIPLOMA QUALIFICATIONS

**Website Development
(D4)**

Thursday 5th June 2015 14:00hrs – 17:00hrs

DURATION: 3 HOURS

Candidates should answer ALL the questions in Part A and THREE of the five questions in Part B. Part A carries 40% of the marks available and Part B carries 60%. Candidates should allocate their time accordingly.

No reference material of any kind may be taken into the examination.

[Turn over]

PART A. Answer ALL questions in this section.**Question A1**

Give and describe **TWO** new features of HTML5.

(5 marks)

Question A2

A traditional way of processing forms on the Internet is to use the CGI (Common Gateway Interface). Briefly explain how the CGI functions.

(5 marks)

Question A3

There are **FIVE** Image Elements. Describe **TWO** of the elements showing how important they are in displaying an image.

(5 marks)

Question A4

Give and describe **TWO** reasons why designers of your website should test the website. LO3 AC3.2 AC3.3 T1-129

(5 marks)

Question A5

When designing a set of test data give and explain **TWO** considerations that must be taken into account. LO3 AC3.1 AC3.2 AC3.3 T1-130

(5 marks)

Question A6

Give and describe **TWO** benefits of using a Cascade Style Sheet (CSS) when creating a website. AC4 AC4.2 AC5.2 T1-137

(5 marks)

Question A7

Give and describe **TWO** reasons why it is good practice to define a background colour even when the proposed background colour is to be white.

(5 marks)

Question A8

Give and describe **TWO** types of error recovery that must be included in the Error Recovery Section of the Website documentation.

(5 marks)

PART B. Answer any THREE of the following FIVE questions.**Question B9**

When creating an Input Object form there are various Type Attribute Values that can be used on the Input Object form.

Give and describe **FOUR** attributes you would use, and explain why you would use them.

(20 marks)

Question B10

The website has been tested, uploaded, and is now running live. You need to develop a Feedback Form for users to complete should there be any errors or inconsistencies with the website.

Give and describe **FOUR** questions you would include in the form so that the errors or inconsistencies can be identified and you can correct them.

(20 marks)

Question B11

Effective navigation includes providing not only links to other pages in the website, but also to other websites.

Give and describe **FOUR** considerations you need to consider when designing a website to enable a user to navigate to other pages in the website and other websites.

(20 marks)

Question B12

When selecting a Web Hosting Service you must compile a comparison checklist.

Describe **FOUR** questions, and why they should be asked, that you would include on the comparison checklist to be asked when selecting a Web Hosting Service.

(20 marks)

Question B13

Disaster Recovery can be a stressful event. To help the user describe **FOUR** Technical Documentation tasks that have to be carried out to recover from the disaster.

(20 marks)

END OF EXAMINATION