



Professional Qualification in COMPUTING AND INFORMATION SYSTEMS

Level 4 Diploma

UNIT 5 – WEB TECHNOLOGIES

Question 1

Discuss the function of the components of the URL and the role of URLs in DNS and the Internet more broadly. (20 marks)

<https://www.microsoft.com/en-gb/download/details.aspx?id=7435>

Question 2

(a) **Illustrate** how tags are used for marking up content in HTML for display in web browsers. (10 marks)

(b) **Discuss** the ability of CSS to override previous rules in specific instances and how to define these 'cascading' rules. (10 marks)

Question 3

(a) **Explain** the purpose and features of server-side scripting. (10 marks)

(b) **Discuss** the advantages and disadvantages of server-side and client-side scripting. (10 marks)

Question 4

(a) **Discuss** the importance of inclusivity in website design. (10 marks)

(b) **Describe** how inclusivity is enabled by following usability/accessibility guidelines. (10 marks)

Question 5

You have a client who is intending to set up their own web hosting platform. **Describe** the general advice you would give them regarding its set up, configuration and downloading/uploading files. (20 marks)