



Professional Qualification in COMPUTING AND INFORMATION SYSTEMS

Level 4 Diploma

UNIT 5 – WEB TECHNOLOGIES

Question 1

Using examples, **illustrate** the structure of Universal Resource Locators (URLs), and their broad role in Domain Name Servers (DNSs) and the Internet. (20 marks)

Question 2

(a) **Describe** the basic structure and key components of an HTML document. (10 marks)

(b) **Describe** how to use CSS rules to style specific parts of an HTML document. (10 marks)

Question 3

Explain how server-side and client-side scripting languages and interaction models are used by web servers and browsers to construct dynamic websites. (20 marks)

Question 4

Using examples, **explain** the relative advantages and disadvantages of usability and accessibility inspection methods and how they assure appropriate levels of usability/accessibility. (20 marks)

Question 5

Describe how to set up and configure a LAMP server using Linux, Apache, MySQL and the PHP programming language. (20 marks)