



Professional Qualification in COMPUTING AND INFORMATION SYSTEMS

Level 4 Diploma

UNIT 5 – WEB TECHNOLOGIES

Question 1

- (a) **Describe** the purpose of **FOUR** common HTTP verbs, giving an example of each. (8 marks)
- (b) **Discuss** the role of URLs in the DNS and the Internet. (12 marks)

Question 2

- (a) **Illustrate** the ways in which headlines, paragraphs and bulleted lists may be displayed using semantic content markup. (10 marks)
- (b) Using examples, **describe** how semantic content markup makes webpage content visible to search engines. (10 marks)

Question 3

Using examples, **compare** and **contrast** the use of HTML and CSS in the production of a static web page. (20 marks)

Question 4

Discuss the features of a dynamic website and **describe** the process of constructing one using a server-side scripting language. (20 marks)

Question 5

- (a) **Compare** and **contrast** the use of cloud and non-cloud platforms when setting up a web server. (10 marks)
- (b) **Describe** the purpose of **FIVE** Unix commands, giving an example of each. (10 marks)