

BCS THE CHARTERED INSTITUTE FOR IT
BCS HIGHER EDUCATION QUALIFICATIONS
BCS Level 5 Diploma in IT

PROFESSIONAL ISSUES IN INFORMATION SYSTEMS PRACTICE

Wednesday 28th September 2016 - Afternoon
Answer **any** FOUR questions out of SIX. All questions carry equal marks
Time: TWO hours

Answer any Section A questions you attempt in Answer Book A
Answer any Section B questions you attempt in Answer Book B

The marks given in brackets are **indicative** of the weight given to each part of the question.

Calculators are NOT allowed in this examination.

SECTION A

Answer Section A questions in Answer Book A

- A1. a) Briefly describe the meaning of the term **professionalism** in the context of the computing industry. **(5 marks)**
- b) Briefly explain the **purpose** of a **Code of Conduct** for a professional body. **(5 marks)**
- c) Identify and describe THREE benefits to society of adopting a Code of Conduct in computing. **(3x5 marks)**
- A2. a) Explain the meaning of the terms **sole trader** and **partnership**. **(6 marks)**
- b) Limited liability applies to shareholders of a limited company. Explain the meaning of the term **limited liability**. Compare the liability implications with both sole traders and partnerships. **(9 marks)**
- c) Two existing firms can join together in two different ways. One firm may takeover another, or a merger may take place.
- Explain the difference between a **takeover** and a **merger**. **(10 marks)**
- A3. a) Explain what is meant by the term **job evaluation**. Describe how job evaluations can help an organisation manage its obligations under anti-discrimination legislation. **(13 marks)**
- b) **Job enlargement**, **job enrichment** and **job rotation** are techniques used in the process of job design. Describe how a large electronics company can use each of these techniques. **(12 marks)**

Turn over]

SECTION B
Answer Section B questions in Answer Book B

B4. a) Explain the **purpose** and **content** of both a balance sheet and a profit and loss account. **(10 marks)**

b) Jericho Cowley Associates (JCA) is an IT support company having offices in a £2.8 million building. The company also holds £1 million in cash at bank and debtors worth £0.5 Million. Operating for more than a decade, the company is struggling financially and first time ever recorded a loss. The revenue recorded for the last financial year was £190,000, technical staff costs of £65,000 were included in overall expenditure of £194,000.

Making various assumptions on assets, liabilities, income and expenditures, prepare the following two documents for JCA. In your answer, use the figures given above and add further figures to illustrate the document.

i) Balance sheet. **(8 marks)**
ii) Profit and loss account. **(7 marks)**

B5. a) Explain how the UK's Consumer Protection (Distance Selling) Regulations provides protection for consumers when purchasing items over the internet or via the telephone. **(15 marks)**

b) In relation to disabled users, describe what obligations the UK Equality Act 2010 places on an e-commerce site. **(10 marks)**

B6. City Food Restaurants is a new restaurant chain. The company has created a website with the domain name of city-food.co.uk. The web-site allows customers to book tables and order their dinners.

a) In relation to the web-site, explain how City Food Restaurants can protect its intellectual property in terms of:

a. Trade Marks **(5 marks)**
b. Copyright **(6 marks)**
c. Domain names **(5 marks)**

b) An independent restaurant review website contains user reviews about their experiences at restaurants. A person has written a review on the website that claims the City Food Restaurants chain has bribed the government authorities to ignore its breaches of food hygiene regulations.

Describe the potential defamation issues in this situation. **(9 marks)**