

**BCS THE CHARTERED INSTITUTE FOR IT**

**BCS HIGHER EDUCATION QUALIFICATIONS  
BCS Level 5 Diploma in IT**

**Professional Issues in Information Systems Practice**

**Thursday 22<sup>nd</sup> March 2018 - 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 <b>NOT</b> allowed in this examination.
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**Section A**  
**Answer Section A questions in Answer Book A**

**A1**

This question is about the **BCS Code of Conduct**.

- a) Using TWO relevant examples, explain the purpose of the BCS Code of Conduct.  
**(10 marks)**
- b) The BCS Code of Conduct is divided into sections. One of these sections is 'Duty to the Relevant Authority'. Members of BCS are expected to behave professionally towards the relevant authority. Give THREE examples to explain what this means.  
**(15 marks)**

**A2**

This question is about **Organisations and their Structure**.

- a) Explain the role of:
  - a. The company secretary.
  - b. Executive and non-executive directors.**(9 marks)**
- b) Many organisations grow from small beginnings to large sized organisations. With this growth comes the need to restructure. In most cases the organisation's structure evolves to include elements of several types of organisational structure.  
  
Banrion Plc. has grown to a medium-sized UK-based company. It provides a range of software packages for five market sectors in ten European Union countries. Suggest a suitable structure for Banrion Plc., illustrating your answer with an organisation chart.  
**(16 marks)**

**A3**

This question is about **Human Resources Management**.

- a) Through the use of examples, explain the difference between unfair dismissal and constructive dismissal.  
**(7 marks)**
- b) Describe the system known as Management by Objectives (MBO). In the answer, outline the **MAIN** weaknesses of MBO.  
**(12 marks)**
- c) Distinguish between direct and indirect discrimination.  
**(6 marks)**

**Section B**  
**Answer Section B questions in Answer Book B**

**B4**

This question is about **Finance** and **Management Accounting**.

- a) Describe each of the following financial statements. In your descriptions, include at least ONE example of what is contained in each statement.
- i) Balance Sheet.
  - ii) Profit and Loss Account.
  - iii) Cash Flow Statement.
- (15 marks)**
- b) Discuss the importance of Discounted Cash Flow. **(10 marks)**

**B5**

This question is about **Legal Obligations** and **the Internet**.

You work for an e-commerce company that sells books and music through its website. The company sends out emails as part of its marketing strategy. The company mostly sells products to customers in the UK, but it has customers across Europe, Asia and Africa. The website makes use of cookies to hold information about the current customer, such as the basket of goods that the customer has selected.

- a) Discuss the data protection issues that relate to the use of email marketing and use of cookies. **(12 marks)**
- b) Why is it necessary for this company to display terms and conditions of purchase on its website? **(4 marks)**
- c) Discuss why it is necessary for this company to consider accessibility when designing and updating its website. **(9 marks)**

**B6**

This question is about **Legal Obligations** and **Intellectual Property**.

- a) As a medical software salesperson and work involves use of a company laptop computer. The laptop contains information about sales contacts. The account on the laptop has access to the company's social media accounts, including information on the social media accounts.

The laptop was stolen when you were using it in a coffee shop. Private Twitter and Facebook information has been accessed and altered.

Discuss the risk to privacy in this situation and how the UK Computer Misuse Act 1990 would apply to this scenario. **(16 marks)**

- b) Outline how the UK Copyright, Designs and Patents Act 1988 could apply to the characters, music and code in a mobile telephone game. **(9 marks)**

**END OF EXAM**