

**BCS THE CHARTERED INSTITUTE FOR IT**

BCS HIGHER EDUCATION QUALIFICATIONS  
BCS Level 5 Diploma in IT

**PROFESSIONAL ISSUES IN  
INFORMATION SYSTEMS PRACTICE**

Monday 25<sup>th</sup> April 2022 - 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) Members of BCS are bound by a Code of Conduct. Describe the Code of Conduct's purpose and its contents. **(10 marks)**
- b) Explain the meaning of 'Professional competence and integrity' referring to the BCS's Code of Conduct.
- Using a practical example, discuss how this might have an impact on professional behaviour in IS practice. **(15 marks)**
- A2.**
- a) The responsibilities of Boards of Directors fall into two main categories, legal and domestic. Discuss the difference between the legal responsibilities and the domestic responsibilities of directors. **(16 marks)**
- b) Organisations tend to divide their management into three levels: top, middle, and lower. Discuss the main skills that are required at each level. **(9 marks)**
- A3.**
- a) There are a number of techniques available to human resources when seeking to make professional appointments.
- Discuss **THREE** of these selection techniques indicating the strengths and weaknesses of **each** technique. **(15 marks)**
- b) Recruitment is increasingly being outsourced to specialist agencies.
- Give reasons why this is being used and discuss the advantages and disadvantages of the from the point of view of both the job-seeker and the employer. **(10 marks)**

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

- B4.**
- a) Cyber56 Ltd is an IT company providing Industry 4.0 solutions to various organisations.
- The company is based in a £200,000 building. Cyber56 borrowed £150,000 from a bank to expand its products. The company holds £50,000 in cash at bank and has debtors worth £60,000. The company also recorded accumulated depreciation of £15,000 and has £50,000 worth of computers. The company owes £25,000 to its suppliers and made a net profit of £20,000 last year.
- Making relevant assumptions about income and expenses, prepare the following two documents for Cyber56:
- i) Profit and loss account **(7 marks)**
- ii) Balance sheet. **(8 marks)**
- b) Explain the purpose of a cash flow statement and its importance. **(10 marks)**
- B5.**
- a) Discuss how UK data protection legislation would relate to medical records in a hospital. **(15 marks)**
- b) A UK police force is investigating suspected money laundering in a UK bank. Discuss what the bank would need to do to support the investigation under UK regulation of investigatory powers legislation. **(10 marks)**
- B6.**
- a) A UK journalist wishes to find out how much money is spent on crime prevention by a UK police force. Under UK freedom of information legislation how could this information be obtained? **(15 marks)**
- b) A UK computer games company wishes to develop and register a trademark. Discuss what the company would need to do to develop and register the trademark. **(10 marks)**

**End of Examination**