

BCS THE CHARTERED INSTITUTE FOR IT

BCS HIGHER EDUCATION QUALIFICATIONS
BCS Level 5 Diploma in IT

PROFESSIONAL ISSUES IN INFORMATION SYSTEMS PRACTICE

Thursday 12th November 2020 – 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. This question is about Professional Codes of Conduct.

a) The BCS Code of Conduct is divided into four sections. One of these sections is 'The Public Interest'. List the other **THREE** sections of the code with a brief description for each.

(6 marks)

b) Explain the purpose of 'The Public Interest' and provide a discussion with **THREE** supporting examples.

(19 marks)

A2. This question is about Human Resources Issues.

a) British law accepts a wide variety of reasons as justifying dismissal of an employee. Identify and discuss **THREE** reasons for this including relevant examples for **EACH** reason.

(15 marks)

b) The HR department of an organisation has a list of responsibilities to ensure the organisation has the relevant workforce that it needs. Identify and briefly describe **FIVE** of these responsibilities.

(10 marks)

A3. This question is about Organisations and their Structure.

a) One of the consequences of the Partnership Act is that the partners have joint unlimited liability. Explain, with relevant examples, what this means in practice.

(13 marks)

b) Many organisations now outsource their IT provision. Discuss **THREE** arguments in favour of outsourcing IT provision.

(12 marks)

Section B
Answer Section B questions in Answer Book B

B4. This question is about Finance.

- a) Aldovia Technologies is a company that bought some computer equipment for £250,000. It upgrades the systems every 5 years. The company sold this equipment for £50,000.

The company depreciates hardware over 5 years.

Calculate the depreciation using the straight-line method and reducing balance method. Explain the impact on the accounts for **BOTH** methods.

(15 marks)

- b) Fixed Assets are shown in company accounts. They typically contain the following three categories. Explain the meaning of each category, with examples relevant for a company that develops computer applications, and how these are shown in the accounts.

- i) Investments;
- ii) Tangible Assets;
- iii) Intangible Assets.

(10 marks)

B5. This question is about the Internet.

- a) How could UK defamation legislation apply to social media within the UK?

(13 marks)

- b) Outline how UK Consumer protection legislation would apply to a UK e-commerce business selling books.

(12 marks)

B6. This question is about Intellectual Property and Legal Obligations.

- a) A UK company develops a novel glove that allows input to computer games by tracking finger and hand movement. Discuss the benefits for the company of patents for the novel glove.

(13 marks)

- b) How does UK Computer Misuse legislation provide protection against hackers and criminals?

(12 marks)

End of Examination