

BCS THE CHARTERED INSTITUTE FOR IT

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

PROFESSIONAL ISSUES IN INFORMATION SYSTEMS PRACTICE

Tuesday 7th October 2025 – 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.

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| Calculators are NOT allowed in this examination. |
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Section A
Answer Section A questions in Answer Book A

A1.

- a) Explain the purpose of the BCS Code of Conduct and how it is applied in professional practice. In your answer, identify the code's strengths and weaknesses in guiding ethical behaviour in IT.
(15 marks)
- b) What is the Public Interest Disclosure Act 1998, and how does it protect individuals who report wrongdoing? Provide an example of how this law could apply in the IT industry.
(10 marks)

A2.

- a) Discuss the role of job evaluation and remuneration in motivating employees.
(8 marks)
- b) How could an analytical job evaluation scheme be used in a company?
(5 marks)
- c) What is job rotation? Discuss **two** advantages and **two** disadvantages of job rotation.
(12 marks)

A3.

- a) A company has the following financial data for the year:

- Net income: £50,000
- Depreciation: £10,000
- Dividend Payment: £5,000
- Increase in accounts receivable: £5,000
- Decrease in accounts payable: £3,000
- Purchase of equipment: £12,000
- Sale of a building: £20,000

Prepare a cash flow statement using the **indirect method**, categorising the cash flows under operating, investing, and financing activities.

(13 marks)

- b) A company makes and sells computers. It has two different models – Office and Office Pro. The company does not have any other form of income.

The company is deciding what prices it will charge for its products. It has information about the overheads for the company.

Discuss **three** ways that the company could allocate overheads so that it ensures they are covered by the income for the products. In your answer, identify information that will be needed to make this allocation.

(12 marks)

Section B
Answer Section B questions in Answer Book B

B4.

- a) Discuss the skills required for the different levels of management.
(15 marks)
- b) Discuss the differences between hierarchical and matrix management structures.
(10 marks)

B5.

A software company is developing a new dating website and app for individuals residing in the UK.

Users of the app will pay either an annual or a monthly subscription for access to the website and app. Once subscribed, users will be able to see profiles of other users. There will also be an algorithm to suggest possible matches to users. Users can use features on the app to contact other users.

- a) Discuss **three** design considerations that would apply to the website and app in terms of UK data protection legislation.
(15 marks)
- b) Discuss what design considerations would apply to the website and app in terms of UK equality legislation.
(10 marks)

B6.

- a) With reference to the UK's Defamation Act 2013:
 - i. Explain what defamation is.
 - ii. Identify **three** possible defences that can be made against defamation.
(12 marks)
- b) Discuss how UK defamation legislation would apply to the use of a social media platform.
(13 marks)

END OF EXAMINATION