BCS THE CHARTERED INSTITUTE FOR IT

BCS HIGHER EDUCATION QUALIFICATIONS
BCS Level 5 Diploma in IT

PROFESSIONAL ISSUES IN INFORMATION SYSTEMS PRACTICE

Tuesday 21st April 2026 – 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) What are professional institutions and what are their main characteristics?
(10 marks)

b) Discuss how professional institutions in law, medicine and engineering compare to those in the computing industry.
(5 marks)

c) What benefits do professional institutions bring to the computing industry? Give examples of how they help their members and contribute to society.
(10 marks)

A2.

A UK-based IT services company is making significant changes due to a recent merger. The company plans to restructure its workforce, which includes potential redundancies and reassignments. The company also aims to enhance its recruitment processes and ensure compliance with employment laws.

a) Discuss the key legal considerations the company must address during its restructuring, focusing on:

i. Employment contracts.
(5 marks)

ii. Transfer of Undertakings (Protection of Employment) (TUPE) regulations.
(5 marks)

iii. Redundancy and dismissal procedures.
(5 marks)

b) Recommend strategies for the company to improve its recruitment and selection processes, ensuring adherence to:

i. The Equality Act 2010.
(5 marks)

ii. Best practices in human resource management.
(5 marks)

A3.

a) Explain the purpose of **each** of the following financial statements:

i. Balance sheet.

(5 marks)

ii. Profit and loss statements.

(5 marks)

iii. Cash flow statement.

(5 marks)

b) A company purchases a computer server for £25,000. The server has an estimated useful life of 5 years and a residual value of £5,000.

Calculate the annual depreciation expense using the straight-line method of depreciation. Briefly explain your calculations.

(5 marks)

c) Using the same computer server purchased for £25,000, the company decides to use the declining balance method with a depreciation rate of 20% per year.

Calculate the depreciation expense for the first **two** years. Briefly explain your calculations.

(5 marks)

[Turn Over]

Section B
Answer Section B questions in Answer Book B

B4.

a) Discuss the purpose of the following documents for a private limited company:

i. Memorandum of association.

(7 marks)

ii. Articles of association.

(8 marks)

b) Three friends want to start a new IT consultancy business. They have decided to run the business as a partnership.

Discuss the purpose of a deed of partnership for this business.

(10 marks)

B5.

A UK company develops a holographic display device for use in hospitals. The device allows doctors to view medical scans in 3 dimensions that can be controlled by a mobile phone application (app).

a) Discuss how patents and copyright could protect the holographic display device and app.

(15 marks)

b) Discuss how a trademark could protect the holographic display device and app.

(10 marks)

B6.

A new e-commerce business is being created to sell outdoor clothing to UK customers.

a) Discuss what information should be provided for customers by the outdoor clothing company, as specified in UK Consumer Protection legislation. In your answer, consider if there are problems for the company if some of the information is not provided.

(12 marks)

b) Discuss the rights of the customers of the outdoor clothing company in terms of refunds, replacements and repairs under UK Consumer Protection legislation.

(13 marks)

END OF EXAMINATION