

BCS THE CHARTERED INSTITUTE FOR IT

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

PROFESSIONAL ISSUES IN INFORMATION SYSTEMS PRACTICE

Wednesday 6th October 2021 – Morning

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) Briefly explain the purpose of professional bodies. **(5 marks)**
- b) BCS's Code of Conduct is divided into four sections. Name the **FOUR** sections and briefly describe the meaning of each. **(20 marks)**

A2.

- a) Human Resource planning is essential for an organisation and can be particularly difficult for software companies. Discuss with relevant examples the **THREE** inputs needed for the human resource planning process in a software house. **(15 marks)**
- b) Appraisal Schemes were introduced as procedures to assist human resource management to gain an indication of how well an employee is doing in their individual job role. These schemes are derived from the idea of Management by Objectives (MBO), developed by Peter Drucker.

Discuss what MBOs are and how they are used in appraisal schemes using relevant examples to illustrate your answer.

(10 marks)

A3.

- a) Explain the meaning of the terms sole trader and partnership. Use relevant examples for each to illustrate your answer. **(10 marks)**
- b) Define what is meant by outsourcing in a business context and identify **THREE** advantages for using outsourcing with relevant examples for each. **(15 marks)**

Section B
Answer Section B questions in Answer Book B

B4.

- a) Using the following cash account summary, prepare a cash flow statement. Identify the transactions in operating, investing and financial activity separately.

Balance Brought Forward from 2018	350	Payment to Suppliers	500
Equity shares	350	Purchase of Fixed Assets	700
Cash received from sales	3000	Overheads	250
Sale of Fixed Assets	200	Salaries to staff	200
		Tax paid	250
		Dividends	100
		Loan	250
		Balance Carry Forward to 2019	1650
	3900		3900

(15 marks)

- b) Explain the following with at least **ONE** example for each:

- i) Fixed Assets and Current Assets;
- ii) Long term Liability and Current Liability.

(10 marks)

B5.

- a) A UK university student hacks into the administration system of the university where he is studying and alters his marks. Discuss how UK Computer Misuse legislation would apply to this situation.

(10 marks)

- b) A UK bank is notified of a change of address by one of its customers. However, the bank does not correctly change the address, and bank statements are sent to a completely different address. Discuss how UK data protection legislation would apply to this scenario.

(10 marks)

- c) Briefly outline what is meant by 'sensitive personal data' under UK data protection legislation.

(5 marks)

[Turn Over]

B6.

- a) Discuss what a UK business would need to do to comply with UK consumer protection legislation.

(15 marks)

- b) Discuss what a UK e-commerce business would need to do to comply with UK data protection legislation.

(10 marks)

End of Examination