

BCS THE CHARTERED INSTITUTE FOR IT

BCS HIGHER EDUCATION QUALIFICATIONS
BCS Level 6 Professional Graduate Diploma in IT

MANAGEMENT INFORMATION SYSTEMS

Friday 10th October 2025 – Afternoon

Answer **any** THREE questions out of FIVE. All questions carry equal marks.

Time: THREE 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) Describe **two** key activities involved in corporate strategic planning.
(4 marks)
- b) Describe what is meant by **top-down** and **bottom-up** approaches to strategic planning.
(4 marks)
- c) Explain how a SWOT analysis can be used in strategic planning and provide an example of its application in a tech company.
(8 marks)
- d) Discuss the Balanced Scorecard method and its relevance in corporate strategic planning.
(5 marks)
- e) Describe Porter's Five Forces model.
(4 marks)

A2.

- a) Provide **three** examples of management reporting systems and briefly summarise their purpose and main features.
(9 marks)
- b) Explain the main differences between Decision Support Systems (DSS) and Group Decision Support Systems (GDSS).
(7 marks)
- c) Describe what is meant by the term Online Analytical Processing (OLAP).
(3 marks)
- d) Provide **three** examples of the use of OLAP.
(6 marks)

A3.

- a) Discuss how corporate strategic planning and information systems (IS) strategic planning processes are interrelated in identifying Management Information System (MIS) opportunities.
(9 marks)
- b) Explain how techniques such as SWOT analysis and Critical Success Factor (CSF) identification can be applied to develop an MIS proposal for an organisation.
(8 marks)
- c) Evaluate the role of MIS in supporting decision-making within corporate strategic planning and Strategic IS Planning (SISP) activities.
(8 marks)

[Turn Over]

Section B
Answer Section B questions in Answer Book B

B4.

- a) Explain the purpose of a feasibility study in managing Management Information Systems (MIS) projects.
(7 marks)
- b) Describe the differences between traditional and phased approaches to MIS development.
(7 marks)
- c) What is SQIRO and how is it used in MIS development?
(6 marks)
- d) Define CASE tools in terms of how they support MIS development.
(5 marks)

B5.

- a) Explain briefly the most recent developments in internet and communications capabilities.
(5 marks)
- b) Discuss the opportunities, benefits and limitations of mobile MIS.
(10 marks)
- c) Discuss the opportunities and challenges of MIS and social media.
(10 marks)

END OF EXAMINATION