BCS THE CHARTERED INSTITUTE FOR IT

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

MANAGEMENT INFORMATION SYSTEMS

Monday 19th March 2018 - Afternoon
Answer **any** THREE questions out of FIVE. All questions carry equal marks.
Time: THREE hours

Answer any <u>Section A</u> questions you attempt in <u>Answer Book A</u>
Answer any <u>Section B</u> questions you attempt in <u>Answer Book B</u>

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

You are an international MIS consultant and have been asked to brief a potential client on the role of mobile computing in corporate MIS over the next three years.

a) Describe FOUR areas of corporate MIS which will be affected by developments in mobile computing over this period.

(16 marks)

b) For ONE of these areas, produce a detailed plan describing how this area could be integrated into the client's corporate MIS strategy.

(9 marks)

You should state any assumptions which you make.

A2

A new employee in the MIS group which you manage has excellent technical skills but is keen to develop an equivalent understanding of corporate management.

a) Write a syllabus containing FIVE themes which, if followed, will give the employee a sound basis for understanding the role of MIS in corporate management.

(13 marks)

b) Describe and justify THREE additional areas of development that the new employee should undertake to become an effective MIS project manager.

(12 marks)

A3

Office Information Systems (OIS) are almost taken for granted in the modern corporate workplace, yet they have a critical role in the management of an organisation.

a) Describe, with examples, THREE key functions of an Office Information System.

(12 marks)

b) For ONE of these functions, discuss the criteria which must be met in order for it to be successful.

(13 marks)

You should state any assumptions that you make.

B4

a)   With the aid of suitable examples, explain the difference between functional requirements and non-functional requirements, and why both are essential for the successful development of an MIS.

(10 marks)

b)   A law firm has decided to adopt end-user development for a small human resources Management Reporting System (MRS). The system will be developed by one of its eventual end users. Provide a briefing paper for the law firm's senior management that highlights the major benefits and risks of this end-user development. State any assumptions you make about the law firm and the MRS within your answer.

(15 marks)

B5

With the aid of relevant examples, evaluate the current impact and potential impact of social media on the provision of MIS.

(25 marks)

END OF EXAM