

Ollscoil na hÉireann, Gaillimh

National University of Ireland, Galway

SEMESTER I EXAMINATIONS 1999

HIGHER DIPLOMA IN BUSINESS STUDIES

MANAGEMENT INFORMATION SYSTEMS I

Professor R. O'Callaghan

Professor J.F. Collins

Dr. W. Golden

Time allowed: TWO hours

Candidates are required to answer THREE questions

All questions carry EQUAL marks

Question 1

The study of Information Systems (IS) is important due to the increasing impact that such systems are having on businesses.

Discuss this statement. In your answer you should discuss the main **impacts of information systems** on businesses.

Question 2

One of the primary roles of Information Systems is to support decision-making. However, in order to adequately support decision-making it is important that IS professionals first understand the complexity of decision-making.

Discuss this statement. In your answer you should compare and contrast the main models of **decision making** that you have studied.

Question 3

The manager director of a medium-sized pharmaceutical wholesale company is concerned that her company is not gaining a competitive advantage from its use of IS/IT. She has asked you to prepare a report that would provide a structured way in which she might think about the strategic impact of information systems on her company.

In your report you should make use of **strategic information systems frameworks** that you have studied. In addition, you should support your report with appropriate case studies.

You are required to draw up the report.

Question 4

“In fifty years time computers maybe so small as to be almost invisible”
(Bill Gates, co-founder of Microsoft Corporation).

Discuss this statement. In discussing the statement you should trace the development to date of **computers and computer hardware** in businesses and predicted future developments.

Question 5

The capabilities of technology are continually expanding. With such developments come new opportunities to create innovative user interfaces for business applications.

Discuss this statement. In your answer you should outline and discuss some of the main input and output devices, which make up the **user interfaces** that are used in business applications.