

Ollscoil na hÉireann, Gaillimh

National University of Ireland, Galway

SEMESTER II EXAMINATIONS 2001

HIGHER DIPLOMA IN BUSINESS STUDIES

MANAGEMENT INFORMATION SYSTEMS II (MS 874)

Professor R. O'Callaghan

Professor J.F. Collins

Mr. Martin Hughes

Time allowed: **TWO** hours

Candidates are required to answer any **THREE** questions

All questions carry **EQUAL** marks

Question 1

Write the HTML code for a simple document that includes the following features in the order given.

1. A Title for your web page,
2. a comment that will not appear in the browser,
3. a size one header in red, a short paragraph of text,
4. a size 2 header in blue,
5. an image centered in the page (assume the image file is called myimage.gif),
6. another short paragraph, and
7. finally an email link.

(Note marks may be lost for not following good programming practices in code layout).

(20 Marks)

Describe the process for publishing a web page online.

(13.33 Marks)

Please Turn Over the Page

Question 2

Jennifer Lombok runs a medium sized insurance company in Galway. At present Jennifer is evaluating the benefits of installing a computer network. Jennifer has asked you to prepare a report on the benefits of **Client/Server Computing**. The report should also outline and discuss the **emerging trends in telecommunications**.

(33.33 Marks)

Question 3

Illustrate your understanding of a Conceptual Data Model and how it differs from a Logical Data Model?

(15 Marks)

Outline the function of each of the **main** keywords in Structured Query Language (SQL). Illustrate your understanding of SQL by writing two simple SQL statements (Note: please include a list of the tables and attributes that you are assuming exist in your database).

(18.33 Marks)

Question 4

"Intranets are the wave of the future" Bill Gates 1996

Discuss this statement in the context of E-Business. Outline the technology behind intranets, the potential advantages and disadvantages of Intranets. Where appropriate support your answer with relevant case studies.

(33.33 Marks)

Question 5

Define Decision Support Systems (DSS).

(5 Marks)

Illustrate and briefly discuss the components of a typical DSS.

(13.33 Marks)

How do DSS differ from traditional Management Information Systems (MIS) and Executive Information Systems (EIS)?

(15 Marks)