UNIVERSITI TUN HUSSEIN ONN MALAYSIA

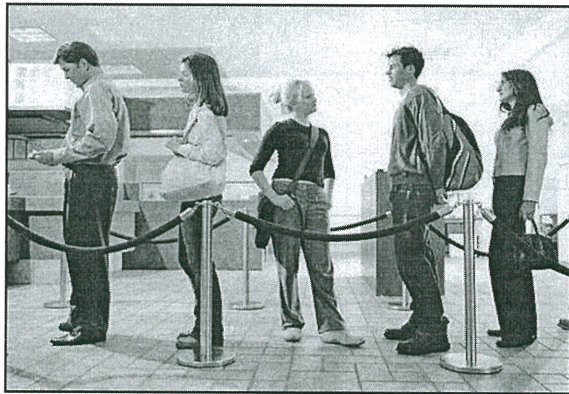# FINAL EXAMINATION
SEMESTER III
SESI 2014/2015

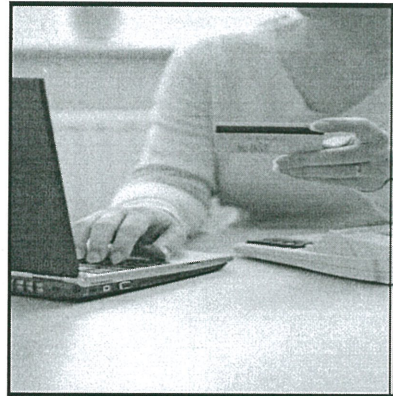|		
COURSE NAME	:	MANAGEMENT INFORMATION SYSTEM
COURSE CODE	:	DAT 20603
PROGRAMMME	:	2 DAT
EXAMINATION DATE	:	OGOS 2015
TIME	:	2 HOURS 30 MINUTES
INSTRUCTION	:	ANSWER ALL QUESTION

THIS QUESTION PAPER CONSIST OF **FOUR (4)** PAGES

INSTRUCTION: Please answer ALL of the questions.

Q1   Figure 1 shows a situation in a banking system.

System A   System B

Figure 1

(a)   Analyze **TWO (2)** advantages when the management change the system from A to B.

(2 marks)

(b)   Analyze **TWO (2)** disadvantages when the management change the system from A to B

(2 marks)

(c)   Define the meaning of data, information and knowledge.

(6 marks)

(d)   Explain the **FOUR (4)** component of a system and discuss each of it.

(10 marks)

Q2 Electronic and mobile commerce are evolving, providing new ways of conducting business that present both potential benefits and problems.

    (a)   List down **TWO (2)** forms of e-commerce.

                                                           (2 marks)

    (b)   Differentiate e-commerce and m-commerce

                                                           (6 marks)

    (c)   Design a process flow modelling to suggest on how the e-commerce will be implemented.

                                                          (12 marks)

Q3 Information systems are so important, businesses need to be sure that improvements or completely new systems help lower costs, increase profits, improve service, or achieve a competitive advantage

    (a)   Explain competitive advantage.

                                                           (2 marks)

    (b)   Examine the **FIVE (5)** factors that lead firms to seek competitive advantage

                                                           (10 marks)

    (c)   Propose **FOUR (4)** careers in IS and its roles.

                 Primary responsibilities in Information Systems (IS) are:

                 <u>Operations:</u>
                 System operators primarily run and maintain IS equipment

                 <u>Systems development:</u>
                 Focuses on specific development projects and ongoing maintenance and review

                                                           (8 marks)

Q4 Computer hardware must be carefully selected to meet the evolving needs of the organization and of its supporting information systems.

(a) Define term "Cloud Computing".

(2 marks)

(b) Discuss the **THREE (3)** advantages and **THREE (3)** disadvantages implementing Cloud Computing.

(12 marks)

(c) Define centralized, decentralized, and distributed processing.

(8 marks)

Q5 Designing new systems or modifying existing ones should always help an organization achieve its goals.

(a) State the purpose of systems design.

(2 marks)

(b) Report the differences between logical and physical systems design.

(6 marks)

(d) Examine the **FIVE (5)** process in doing system implementations.

(12 marks)

-END OF QUESTIONS-

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