



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2011/2012**

COURSE NAME : **MANAGEMENT INFORMATION SYSTEM**

COURSE CODE : **BIT 3083/BIT 30803**

PROGRAMME : **BACHELOR OF INFORMATION TECHNOLOGY**

EXAMINATION DATE : **JANUARY 2012**

DURATION : **3 HOURS**

INSTRUCTION : **ANSWER ALL QUESTIONS.**

THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

- Q1** (a) Define Management Information System (MIS). (4 marks)
- (b) Explain the main purpose of MIS in an organization. (6 marks)
- (c) Describe **THREE (3)** basic levels of management decisions. (10 marks)
- Q2** The organization and location of the information systems (IS) function and components are important choice particularly for those organizations that operate in more than one area.
- (a) Explain the following IS management concepts:
- (i) centralized management (5 marks)
- (ii) decentralized management. (5 marks)
- (b) Critically evaluate the reasons for centralizing the MIS. (10 marks)
- Q3** To manage an effective information system, managers must understand the security fundamental objectives for information.
- (a) Explain **THREE (3)** security fundamental objectives for information based on CIA Model. (12 marks)
- (b) Differentiate **TWO (2)** differences between virus and worm. (8 marks)
- Q4** (a) List **FIVE (5)** objectives of Transaction Processing System. (10 marks)
- (b) Explain **TWO (2)** types of Decision Support Systems. (10 marks)

Q5 Given the following scenario:

Encik Ali is an officer in Ministry of Welfare. He noted that government is having difficulty processing applications for assistance program (welfare). Although most applications are legitimate, several facts they contain have to be checked. For instance, welfare workers have to check motor vehicle and real estate records to see whether the applicants own cars or property. The agency checks all the records plus the agency needs to keep track of the results of the searches. Furthermore, a few applicants have applied multiple times (sometimes in different localities). The office needs to randomly check some applications to search for fraud. Every week, summary reports have to be sent to the states offices. A key feature of these reports is that they are use to convince politicians to increase funding for certain welfare program. Encik Ali plans to use information system in his ministry. As a Computer Based Information System (CBIS) consultant you are required to help Encik Ali.

(a) Determine **TWO (2)** suitable CBIS for the agency.

(10 marks)

(b) Justify how CBIS that you suggested could help this agency.

(10 marks)