



**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
SEMESTER II  
SESI 2014/2015**

COURSE NAME : MANAGEMENT INFORMATION SYSTEM  
COURSE CODE : BIT 30803  
PROGRAMME : 3 BIT  
EXAMINATION DATE : JUNE 2015 / JULY 2015  
DURATION : 2 HOURS 30 MINUTES  
INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

- Q1** (a) Define the Enterprise Resource Planning (ERP). (4 marks)
- (b) ERP offers a lot of benefits to organization. However, it also has bad impacts to the organization. List down **TWO (2)** disadvantages or risks that a company may needed to face in order to use ERP. (4 marks)
- (c) Propose **TWO (2)** personnel that possibly involve in an ERP of a manufacturing company and discuss their roles. (5 marks)
- Q2** (a) (i) In your own words, describe the System Development Life Cycle (SDLC). (7 marks)
- (ii) Draw a diagram for an SDLC methodology that you know. (3 marks)
- (b) Give **THREE (3)** instruments for data analysis. (3 marks)
- (c) Consider the following case study.
- Suppose you want to develop a management system for a company named Pine Valley Furniture. The system allows the retailers to manage and update the wholesale sales, the retail sales and the online sales. Customer would only have access to the online sale, while the wholesale sale and online sales will be managed by the marketing managers.
- Apply the object-oriented modelling to the given case study to show the entity and the use cases. (6 marks)
- Q3** (a) Illustrate the value chain of a manufacturing company using a diagram. (6 marks)
- (b) In your own words, demonstrate **TWO (2)** factors that force companies to seek for competitive advantage. (4 marks)

- (c) Give **THREE (3)** differentiation between centralisation and decentralisation of hardware and software in Management Information System (MIS) organisation. (6 marks)

**Q4** (a) Compare between Group Support System (GGS) and Executive Support System (ESS). (6 marks)

(b) Differentiate between corporate strategy and business strategy. (6 marks)

(c) Outline the components of Decision Support System (DSS). (6 marks)

**Q5** You have been hired to develop a payroll program for a medium- sized company. At a minimum, the application should have an `hours-worked` table that contains how many hours each employee worked and an `employee` table that contains information about each employee, including hourly pay rate.

(a) Propose the design for `hours-worked` table and `employees` table. (5 marks)

(b) Develop sample of both tables based on the design in **Q5(a)**. (5 marks)

(d) In your opinion, in what sense we could apply DSS into the payroll system. (6 marks)

**- END OF QUESTION -**