



**UNIVERSITI KUALA LUMPUR
MALAYSIAN INSTITUTE OF INDUSTRIAL TECHNOLOGY**

**FINAL EXAMINATION
JANUARY 2016 SEMESTER**

COURSE CODE	: JLD 20402
COURSE TITLE	: INFORMATION TECHNOLOGY IN LOGISTICS
PROGRAMME LEVEL	: DIPLOMA
DATE	: 18 MAY 2016
TIME	: 2.30 PM – 5.30 PM
DURATION	: 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. Please read the instructions given in the question paper **CAREFULLY**.
 2. This question paper is printed on both sides of the paper.
 3. This question paper consists of **TWO (2)** sections.
 4. Answer **ALL** questions in Section A. Choose **TWO (2)** questions in section B.
 5. Please write your answers on the answer booklet provided.
 6. Please answer all questions in English only.
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THERE ARE 3 PAGES OF QUESTIONS EXCLUDING THIS PAGE.

SECTION A (Total 60 marks)**INSTRUCTION: Answer ALL questions.****Please use the answer booklet provided.****Question 1**

- (a) Define what is Information System and based on your experience in using e-Learning portal, explain **FOUR (4)** advantages of the e-learning system in Universiti Kuala Lumpur (UNIKL-MITEC).

(10 marks)

- (b) Define with example the element of data, information and knowledge. Draw a diagram to show the flow of them.

(10 marks)

Question 2

- (a) Draw the waterfall model of System Development Life Cycle (SDLC) and briefly explain **SEVEN (7)** phases of SDLC.

(10 marks)

- (b) Discuss **FOUR (4)** categories of feasibility study in System Development Life Cycle (SDLC).

(10 marks)

Question 3

- (a) Discuss **FIVE (5)** issues in data management.

(10 marks)

- (b) Define what is data warehousing and explain **FIVE (5)** characteristics of data warehouse.

(10 marks)

SECTION B (Total 40 marks)**INSTRUCTION: Answer any TWO (2) questions ONLY.****Please use the answer booklet provided.****Question 1**

www.unikl.edu.my is a tool that assists Universiti Kuala Lumpur (UNIKL) organization to flow information and business services. There are large number of information from marketing service, product, resources, bulletin, events and general content for customer, prospect customer, staff and communities. The UNIKL web portal is very important strategy for the organization to support their education business competitive advantages.

- (a) Explain **FIVE (5)** elements of UNIKL website and the advantage of each element to the organization of UNIKL.

(10 marks)

- (b) Discuss **FIVE (5)** reasons on how UNIKL website can support the organization to generate revenue.

(10 marks)

Question 2

- (a) Distinguish between Transmission Processing System (TPS), Decision Support System (DSS) and Management Information System (MIS).

(10 marks)

- (b) Outsourcing is when an organization acquires Information Technology (IT) applications or services from outside contractors or external organizations. Discuss **FIVE (5)** vendors and system selections.

(10 marks)

Question 3

Radio Frequency Identification (RFID) tags come in a wide variety of shapes and sizes. They may be involved in a variety of materials.

- (a) Discuss **FOUR (4)** usage of RFID and give example of organizations or business in Malaysia that use the technology.

(10 marks)

- (b) Discuss and state **FIVE (5)** reasons on how the RFID applied in the library operation.

(10 marks)

END OF EXAMINATION PAPER