



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

**FINAL EXAMINATION
JANUARY 2016 SEMESTER**

COURSE CODE : JLD 20203
COURSE TITLE : TRANSPORTATION POLICY
PROGRAMME LEVEL : DIPLOMA
DATE : 25 MAY 2016
TIME : 9.00 AM – 12.00 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. Table and formula are enclosed as reference.**
- 7. Please answer all questions in English only.**

THERE ARE 3 PAGES OF QUESTIONS EXCLUDING THIS PAGE.

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

One of the objectives of the national policy by way of National Land Public Transport Master plan is to encourage a better quality of life. This is by way of a higher usage of the non-motorize vehicles or by encouraging road user by walking. Besides this, what are other objectives that the Malaysian government wishes to implement in the national policy.

(20 marks)

Question 2

As student at Unkl Mitec, your personal experience of taking the local bus from the campus to places of interested has been a very unsatisfactory. Among the usual complaint were the bus was never on time and unhygienic. As a Transportation Policy student, list out the reasons for the government and its agencies to regulate the transportation industry in relation to public transport services in particular the service of buses.

(20 marks)

Question 3

Due to the low density corridors at Seri Alam, whereby the local pollution is not a critical issue, the local government has provided normal buses service to the population here. Its function is as a feeder to higher capacity systems at Masai or Larkin Bus Station. Evaluate the location suitable for the following modes of transportation as an alternative:

1. Heavy Rail System
2. Light Rail System
3. High capacity bus systems on dedicated lanes
4. Sky bus

(20 marks)

SECTION B (Total: 40 marks)

INSTRUCTION: Choose TWO (2) questions only
Please use the answer booklet provided

Question 1

One of the consequences of transportation is excessive wastage of raw material. Discuss the other **FOUR (4)** consequences of transportation with relevant example.

(20 marks)

Question 2

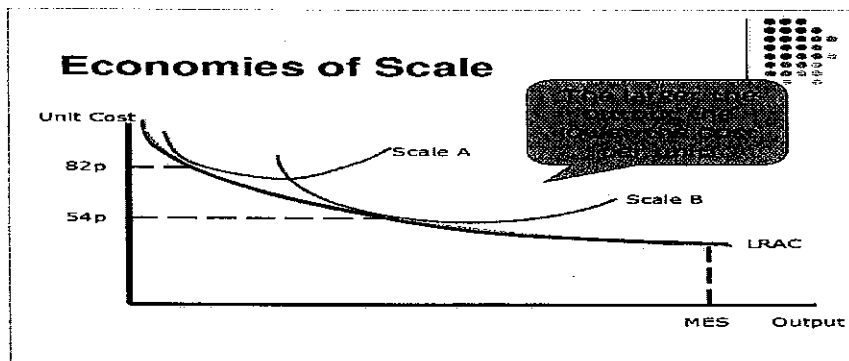


Figure 1: Economies of Scale Graph

The increase in efficiency of production as the number of goods being produced increases. Typically, a company that achieves economies of scale lowers the average cost per unit through increased production since fixed costs are shared over an increased number of goods. As such, the terms Economy of Scale in term of the containerization industry lead to cost saving due to the same principles stated above. Based on the Economies of Scale Graph above, analyze the application of economy of scale in the containerization industry.

(20 marks)

Question 3

Being recently employed by SPAD, your first duty is to propose the usage of Chapter 3, Section 13 of Land Public Transport Act 2010 in order to reduce congestion in Johor Bahru. State clearly the order under Chapter 3 in your report to your immediate supervisor.

(20 marks)

END OF EXAMINATION PAPER