



**UNIVERSITI KUALA LUMPUR**  
**MALAYSIA FRANCE INSTITUTE**

**FINAL EXAMINATION**  
**JANUARY 2010 SESSION**

**SUBJECT CODE** : FRB 40401  
**SUBJECT TITLE** : REFRIGERATED TRANSPORT  
**LEVEL** : BACHELOR  
**TIME/DURATION** : 4.00 pm – 5.00 pm  
- 1 hour  
**DATE** : 29 April 2010

**INSTRUCTIONS TO CANDIDATES**

1. This question paper is printed on both sides of the paper.
2. Please write your answers on the answer booklet provided.
3. Answer should be written in blue or black ink except for sketching, graphic and illustration.
4. This question paper consists only one section. Answer all questions.
5. Answer all questions in English.

THERE ARE 3 PRINTED PAGES OF QUESTIONS.



**INSTRUCTION: Answer ALL questions.**

Please use the answer booklet provided.

**Question 1**

- (a). Explain in a couple of sentences the RI of fruits
- (b). Given below is the rate of CO<sub>2</sub> production in a sample of apples. Explain in one or two sentences the reasoning behind the nature of the curve

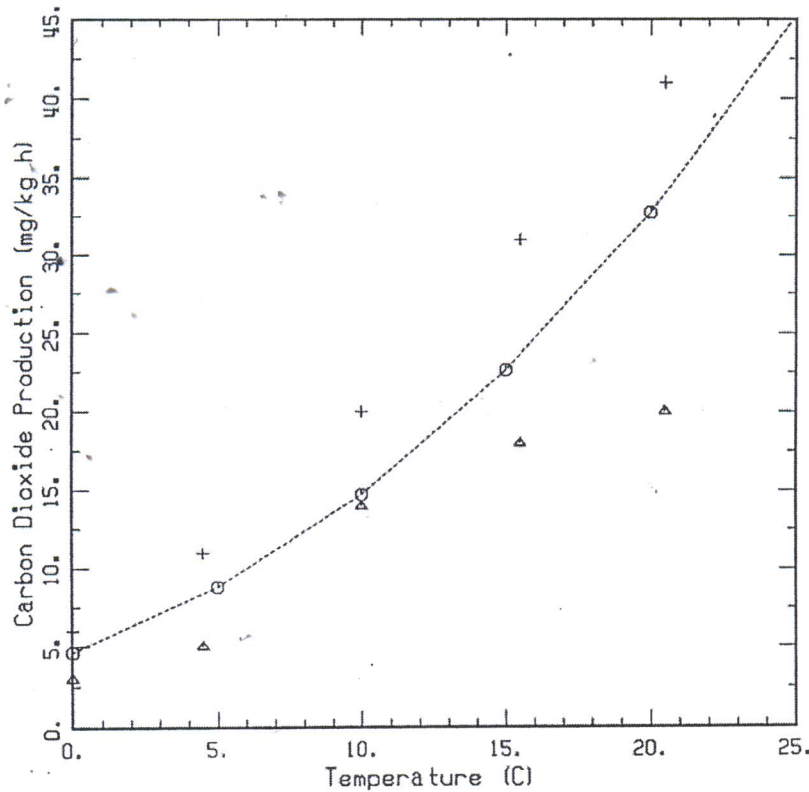


Figure Q1 –Carbon dioxide emission data from apples

(4 marks)

**Question 2**

- (a). Define “Consignee”, “Shipper” and “Transporter” as related to the transport of goods.
- (b). Describe waybill and bill of lading as related to the logistics of transport of goods

- (a). Why leakage is a prime factor in the maintenance of transport refrigeration units?  
Explain in two or three sentences
  
- (b). What is 'dry ice'? What is its temperature of storage? What is its disadvantage as a cooling medium?

(3 marks)

**END OF QUESTION**