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SECTION A

01	(COMPULSORY)
O1	(COMPULSORY)

Name and explain the FOUR main problem that are encountered in scheduling and vehicle routing. (20marks)

SECTION B: Answer any two question

Q 2 (a) There are FIVE elements of logistics and distribution. Name and explain them

(10 marks)

- (b) Describe in details the following equipment:-
 - (i) Swap body
 - (ii) Road reiler trailers

(10 marks)

- Q 3 Explain in details the total logistics concept as used in transportation of goods. (20 marks)
- Q 4(a) Using hypothetical examples show how the following affect logistics operations:-
 - (i) Vehicle capacity
 - (ii) Vehicle utilization
 - (iii) Age of the vehicle

(20 marks)

Q 5 (a) In relation to logistics operation explain the steps followed in the design of warehouses.

(10marks)

(b) Name and briefly explain the FIVE challenges encountered in logistics operations

(10marks)