



**The Chartered  
Institute of Logistics  
and Transport**

**INTERNATIONAL ADVANCED DIPLOMA IN LOGISTICS AND TRANSPORT**

**STRATEGIC NETWORK PLANNING  
ADIP03**

**JUNE 2024 EXAMINATION**

**Instructions to Candidates**

- Duration of examination: **3 hours**
- **Answer Section A Question 1(Compulsory) and any other 3 Questions in Section B**
- Questions may be answered in any order.
- Allocation of marks is indicated along each question.
- Credit will be given for citing relevant examples.
- Write legibly.

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**Section A    Compulsory**

**25 marks**

**Question 1**

**Red Sea Crisis | Impact on food security**

As the crisis in the Red Sea deepens, exporters are facing challenges related to get their goods to market. Iran-backed Houthi militants in Yemen have stepped up attacks on vessels in the area in recent weeks in support of Hamas during the Israeli military offensive in Gaza. The attacks have disrupted a key trade route linking Europe and North America with Asia via the Suez Canal. The route accounts for about 10% of global trade. Major shipping lines including Maersk have sent their vessels to safer but much longer routes. Resultantly, exporters are now scrambling for alternative air, land, or ocean options. This has seen a sharp rise of prices for products that are transported via sea routes.

*Source, SABC news, Dec 21, 2023.*

### **Question 1**

- a) Explain how the conflict in Gaza has had an impact on global trade. **(10 marks)**
- b) Evaluate strategies which may be implemented by shipping lines to protect their vessels and cargo still transiting through the Suez Canal. **(15 marks)**

### **SECTION B**

**Answer any THREE questions.**

### **Question 2**

- a) Explain the risk analysis methods. **(15 marks)**
- b) Evaluate the steps required to minimize risks. **(10 marks)**

### **Question 3**

Discuss the concepts of collaboration and partnerships as strategic pillars for a transport and logistics company of your choice. **(25 marks)**

### **Question 4**

- a) Explain any three types of flexible working arrangements that you are familiar with. **(12 marks)**
- b) Evaluate the concepts of flexible working as they relate to productivity in global companies. **(13 marks)**

### **Question 5**

Assess the use of Customer Relationship Management (CRM) as a tool for Customer Service. **(25 marks)**

### **Question 6**

Evaluate the use of Six Sigma as a measure of quality and efficiency in a transport and logistics organization of your choice. **(25 marks)**