INTERNATIONAL DIPLOMA IN LOGISTICS AND TRANSPORT

PROJECT MANAGEMENT
DIP15

NOVEMBER EXAMINATION 2024

Instructions to Candidates

- Duration of examination: **3 HOURS**
- **Answer FIVE questions. Question 1 is compulsory**
- 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.

Candidates are advised to spend NOT more than 40 minutes on each question.

QUESTION 1 **COMPULSORY** **(20 marks)**

Scenario: Road Construction Project Between Kadoma and Sanyati.

Project Overview

Project Name: Kadoma - Sanyati Road Upgrade

Length: 88 km (via Chakari)

Objective: Upgrade the existing road to improve safety and reduce travel time**.**

Start Date: June 2024

Original Completion Date: December 2024

Current Status: As of 20 October 2024, the project is running three months behind schedule.

Task: As a new graduate from CILT outline the steps you would take to bring it back on track. **(20 marks)**

QUESTION 2

Outline a comprehensive project management plan for a large-scale logistics infrastructure project, such as the development of a new freight terminal or distribution center. (20)

QUESTION 3

You are managing a warehouse construction project in Belmont in Bulawayo with a limited budget. Discuss how you would prioritize project tasks to ensure critical outcomes are met. (20)

Question 4

Evaluate the application of critical path analysis and project scheduling techniques in the context of a time-sensitive logistics project, such as the implementation of a new supply chain software system. Provide recommendations for optimizing project timelines and resources.

(20 marks)

Question 5

Evaluate the use of project performance metrics and earned value management techniques in the context of a logistics project. **(20 marks)**

Question 6

Describe how you would incorporate environmental, social, and governance (ESG) factors into the project management process and decision-making on the upgrade and construction of the RG Mugabe International Airport. (20)