



**The Chartered
Institute of Logistics
and Transport**

INTERNATIONAL DIPLOMA IN LOGISTICS AND TRANSPORT

PROJECT MANAGEMENT

DIP15

November 2022

Instructions to Candidates

- Duration of examination: **3 hours**
 - **Answer Question 1(Compulsory) and any other 4 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

Question 1

Using a project of your choice, prepare a Gantt chart showing the various activities under it.

(20 marks)

SECTION B

Answer any FOUR Questions

Question 1

Explain the following operational levels of planning activity and the challenges faced at each level:

- (a) Project planning; **(5 marks)**
- (b) Sectoral planning; **(5 marks)**
- (c) Integrated area planning; and **(5 marks)**
- (d) Development planning. **(5 marks)**

Question 2

“The environment of project planning threatens as much as it enables successful implementation for development efforts through projects”. Assess the validity of this observation? **(20 marks)**

Question 3

The following is an outline and durations of activities presented by planners from H City Consultancy for a proposed project:

Activity	Proceeding activity	Activity description	Activity duration
A	-	Design Hull	9
B	-	Prepare Boat Shield	3
C	A	Design Mast and Mast Mount	8
D	A	Obtain Hull	2
E	A	Design sails	3
F	C	Obtain Mast Mount	2
G	C	Obtain Mast	6
H	C	Design Rigging	1
J	B, D	Prepare Hull	4
K	F, J	Fit Mast Mount to Hull	2
L	E,H,G,K	Step Mast	2
M	E,H	Obtain Sails Rigging	3
N	L,M	Fit Sails and Rigging	4

- a. For this project, calculate the critical path. **(15 marks)**
- b. Drawing from the above proposed project, explain the following: Missing?
- c. What is the utility of Programme Evaluation and Review Technique (PERT) to Project Planning? **(5 marks)**

Question 4

- a) Discuss any three evaluation designs.
- b) Which one is most suitable for evaluating social projects? Give reasons for your answer. **(20 marks)**

Question 5

	Optimistic	Most Probable	Pessimistic
Activity	a	b	c
A	5	6	13
B	2	3	5
C	2	3	4
D	4	5	12
E	3	4	5
F	1	2	3

a). For this project, calculate the following:

i) Expected completion time.

ii) Variance for activity D.

iii) Illustrate the activity time distribution for the whole project.

(15 marks)

b. Explain the distinction between the following:

i) Earliest Start Time and Latest Start Time.

ii) Earliest Finish Time and Latest Finish Time.

(5 marks)