



## Professional Qualification in SHIPPING & LOGISTICS

### Level 4 Diploma

#### UNIT 3 – PRINCIPLES OF SHIPPING AND INSURANCE MANAGEMENT

##### Question 1

- (a) State why tallying cargo is an essential part of cargo work. (4 marks)
- (b) Explain the technique used to conduct a draught survey based on Archimedes principle. (6 marks)
- (c) Discuss **TWO** corrections that need to be applied when calculating cargo loaded using a draught survey. (10 marks)

##### Question 2

- (a) State **TWO** methods that can be used on liquefied petroleum Gas (LPG) vessels to carry the cargo in liquid form rather than as a gas. (4 marks)
- (b) Referring to your answer to Question 2a, discuss how carrying cargo in this unnatural liquid state is safely achieved. (16 marks)

##### Question 3

- (a) Describe the TWO types of ships charter. (4 marks)
- (b) Explain the differences between the voyage charter party contract terms; Laydays, Laycan and Laytime. (6 marks)
- (c) Illustrate the features of a voyage charter party. Use examples to support your answer. (10 marks)

##### Question 4

Assess the marine insurance options open to the ship owner on acquiring a brand new tanker which is to be employed on international voyages. (20 marks)

##### Question 5

Discuss the process of salvage in the following situation:

The ships master calling a Mayday emergency call and requesting immediate assistance as his loaded tanker vessel is without engine power and the vessel is drifting towards the coast which is close by. (20 marks)