



## Professional Qualification in SHIPPING & LOGISTICS

### Level 4 Diploma

#### UNIT 4 – THE MOVEMENT OF DANGEROUS GOODS

##### Question 1

- (a) **Explain** the purpose of the MARPOL 73/78 Convention. (4 marks)
- (b) **Explain TWO** roles **and TWO** functions of a United Nations (UN) Classification Number. (16 marks)

##### Question 2

- (a) **Explain TWO** types of dangerous goods. (4 marks)
- (b) **Explain** the procedures involved in the safe handling of dangerous goods by container. (16 marks)

##### Question 3

- (a) **Explain how TWO** types of container are used when transporting dangerous goods by sea. (6 marks)
- (b) **Explain TWO** ways in which dangerous goods stored in containers might be safely stowed on board a container vessel. (12 marks)
- (c) **State TWO** ways in which a ship's master could safely identify containers of dangerous goods. (2 marks)

##### Question 4

- (a) **Explain TWO** reasons why it is important to conduct regular inspections of facilities ashore for the handling and storage of dangerous goods. (10 marks)
- (b) **Explain TWO** procedures which might contribute to the success of regular inspections of facilities ashore for the handling and storage of dangerous goods. (10 marks)

##### Question 5

**Explain TWO** ways in which documentation **and** labeling are used to indicate the type of the dangerous goods being carried. (20 marks)