



## Professional Qualification in SHIPPING & LOGISTICS

### Level 4 Diploma

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

##### Question 1

**Discuss** the process the shipper would need to follow to ship packaged dangerous goods, stowed on a trailer, for international transportation by Roll-on/Roll-off (Ro-Ro) vessel. (20 marks)

##### Question 2

- (a) **State** the purpose of the United Nations (UN) classification codes. (4 marks)
- (b) **Explain** the purpose of the special provisions and exceptions contained in the Dangerous Goods List. (6 marks)
- (c) **Illustrate** the importance of identifying the subsidiary risk relating to the transport of dangerous goods. Use examples to support your answer. (10 marks)

##### Question 3

- (a) **Differentiate** between the procedures used to safely load dangerous goods on a container vessel compared to a general cargo ship. (10 marks)
- (b) **Discuss FIVE** safety provisions aimed at safeguarding ports against major incidents involving dangerous goods as they transit through port. (10 marks)

##### Question 4

- (a) **Discuss FOUR** factors that would be considered when surveying the ships holds, before the issuing of a Document of Compliance (DOC) for ships carrying dangerous goods in packaged form. (8 marks)
- (b) **Suggest** how the keeping of accurate records and other evidence can protect the ship owner if an accident should occur in the movement of dangerous goods. (12 marks)

##### Question 5

- (a) **State** what is meant by the term 'Dangerous Goods Note' (DGN). (4 marks)
- (b) **Explain** how the DGN is used. (6 marks)
- (c) Referring to your answer to Question 5b, **illustrate** how this is different to the Transport Emergency Card (Tremcard). Use examples to support your answer. (10 marks)