



## Professional Qualification in SHIPPING & LOGISTICS

### Level 4 Diploma

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

##### Question 1

(a) **Explain** the purpose of the Document of Compliance (DOC) as related to the carriage of dangerous goods. (6 marks)

(b) **Discuss** the type of information shown on a DOC. (14 marks)

##### Question 2

(a) **Discuss** how the ships officers can use the International Maritime Dangerous Goods (IMDG) Code to ensure the safe carriage of dangerous goods that are incompatible for stowage together. (8 marks)

(b) **Discuss FOUR** principles of dangerous goods segregation. (12 marks)

##### Question 3

**Differentiate** between the dangers of handling and storing packaged dangerous goods with handling and storing dangerous liquid goods in bulk by tanker. (20 marks)

##### Question 4

(a) **Assess** the procedures to be followed by the ship, as required by Marpol Annexe 3, should liquid from a damaged dangerous goods container be found to have drained into the hold bilges. (8 marks)

(b) **Discuss** the role of the safety and environmental policy (as required by the ISM Code) in the carriage of dangerous goods. (12 marks)

##### Question 5

**Illustrate** the procedure the shipper will need to follow in applying documents and labels to a consignment of dangerous goods bound from the United Kingdom to Holland by container ship. Use examples to support your answer. (20 marks)