



Professional Qualification in SHIPPING & LOGISTICS

Level 4 Diploma

UNIT 4 – THE MOVEMENT OF DANGEROUS GOODS

Question 1

- (a) **State TWO** main areas of information required to be shown in the Dangerous Goods (DG) note. (4 marks)
- (b) **Explain** how **FOUR** different parts of the IMDG code has enhanced the safe carriage of dangerous goods at sea. (16 marks)

Question 2

- (a) **State FOUR** classes of dangerous goods. (4 marks)
- (b) **Explain** what is meant by the terms 'Bay' and 'Row' in the stowage of a container ship. (6 marks)
- (c) **Discuss TWO** methods of transporting dangerous goods. (10 marks)

Question 3

Compare TWO different forms of dangerous goods, 'liquids' and 'gases', including the particular dangers of each type and how are they dealt with under the 'MFAG' and 'EMS' schedule in the IMDG supplement. (20 marks)

Question 4

- (a) **State** how the approved stowage plan enhances the safe operation of loading dangerous goods. (4 marks)
- (b) **Explain** the use of the segregation tables for dangerous goods used by the IMDG code. (6 marks)
- (c) Using your answer to Question 4 (b), **Discuss** the implications of not using the segregation tables correctly (10 marks)

Question 5

- (a) **State TWO** types of information contained in a Transport Emergency Card 'TREM CARD'. (2 marks)
- (b) **Describe TWO** types of information conveyed by dangerous goods labelling. (4 marks)
- (c) **Discuss** the information contained in the combined document the 'Multimodal DG form' issued to container ships. (14 marks)