



Professional Qualification in SHIPPING & LOGISTICS Level 4 Diploma

UNIT 4 – THE MOVEMENT OF DANGEROUS GOODS

Question 1

- (a) **State** how the defining and describing of dangerous goods enhances safety in their carriage by sea. (4 marks)
- (b) **Explain** the purpose of classifying dangerous goods, as contained in the International Movement of Dangerous Goods (IMDG) Code. (6 marks)
- (c) **Discuss** the purpose and intention of the Dangerous Goods Declaration, provided by the shipper. (10 marks)

Question 2

Illustrate the function of the correct packaging used in the transportation of dangerous goods and why it should be certified to United Nations (UN) standards. Use examples to support your answer. (20 marks)

Question 3

Discuss the safety factors to be considered by the port staff and the ship staff when loading explosives and dangerous goods liable to emit flammable gases, on a Roll-on/Roll-off (Ro-Ro) vessel. (20 marks)

Question 4

- (a) **Suggest FOUR** ways in which a Dangerous Goods Safety Advisor (DGSA) could assist in the role of consigning dangerous goods for transport by road. (8 marks)
- (b) **Discuss** the points that should be covered when creating an incident response plan to cover any accident involving a fleet of dangerous goods road tankers operating from a depot. Justify your answer. (12 marks)

Question 5

- (a) **State** what a placard on the side of a dangerous goods container is used for. (4 marks)
- (b) **Explain** what the colours and numbers on a dangerous goods placard mean. (6 marks)
- (c) **Differentiate** between a primary hazard and a subsidiary risk relating to the carriage of dangerous goods. (10 marks)