Q. 1 Explain the principles of stowage applicable to Any three of the following types of packages
   a) Bagged Cargo    b) Cartons
   c) Wooden Cases    d) Baled goods

Q. 2 What are the special precautions required for storage of Any three of the following hazardous cargoes?
   a) Flammable materials    b) Heat sensitive materials
   c) Water sensitive materials    d) Gases under pressure

Q. 3 Write in short notes on Any three of the following:
   a) Equilibrium of Forces
   b) Motion of a System
   c) Work done
   d) Energy and Power

Marks
Q.3 Write short notes on Any three of the following

a) Hatchwise storage  
   b) Port Trust’s Liability  
   c) Shut-out Cargo  
   d) Over-carriage / Short landing

Q.4 What are the precautionary measures to be taken to reduce the damage in containerised cargo by (Any Two)

a) Cargo Sweat  
   b) Container Sweat  
   c) Contamisation

Q.5 What are the advantages and limitations of Any two of the following types of packages

a) Fibreboard cases or boxes  
   b) Drums (Steel, Fibre & Plastics)  
   c) Sacks (Textile, Paper & Film)

Q.6 Maritime Crime has become a concern for insurers, insureds and shippers. Justify your points highlighting on (Any Two)

a) Scuttling of ships  
   b) Documentary frauds  
   c) Cargo thefts
What are the common causes of Loss or damage to cargo during inland transit?

What measures should be adopted to prevent possible loss from over-carriage or short-landing?

Transportation of over dimensional consignments (ODC) requires a great deal of planning. Describe the problems and solutions related to safe transportation of ODC by road.

Prepare a checklist of general stowage precautions that should be observed while stuffing goods in a container.