

Marks: 80

Duration: 3 hrs

N.B.

- Question No.1 Compulsory.
- Answer any three from the remaining.
- Figures to the right indicate full marks
- Give illustrations and examples wherever necessary
- Indicate question no. properly

- a) Explain the concept of logistics in details and the forces changed perspectives of logistics. 10
  - b) Describe the need and scope of logistics in today's scenario with apt examples. 10
- a) Discuss Unitization & its various forms being used in variety of logistics across the globe. 10
  - b) Explain various Retailing formats available in market. 10
- a) Explain the ISPM-15 regulation with its treatment, marking and traceability aspects. 10
  - b) List out the pallets made of different material and explain any four types in detail. 10
- a) Explain the concept of Intermodal & Multimodal containers. 08
  - b) Explain & decode the Container Code "TGHU 759933" and calculate its Check digit, Also represent its Preferred horizontal & vertical layout & its position on container's faces. 12
- a) Describe the Intermediaries involved in distribution channel with suitable example. 12
  - b) Explain the Principles of Transportation with suitable example. 08
- a) Describe any five Material Handling ratios with suitable example. 10
  - b) Explain different types of warehouses with their roles in logistics. 10

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