

Indian Maritime University
(A Central University, Govt of India)
End Semester Examinations – December 2022

Programme Name: MBA (ITL/PSM)

Semester: III

Subject Code: PG22T2304/PG21T2304

Subject Name: CONTAINERISATION AND MULTIMODAL TRANSPORT

Date: 22.12.2022

Max Marks: 60

Duration: 03 Hrs

Pass Marks: 30

General Instructions

- (i) **All Sections (A, B & C) are to be attempted.**
(ii) **Options, if any, are specified in respective section.**

Section A

Choose the correct answer as applicable.

1. The container port with the highest throughput is
 - (a) Shanghai .
 - (b) Singapore .
 - (c) Rotterdam
 - (d) New York
2. TOFC is the same as _____
 - (a) Piggyback -
 - (b) Total fleet control
 - (c) Tri-optic fibre carrier
 - (d) None
3. ISPS code is developed by
 - (a) IMO .
 - (b) WTO
 - (c) WCO
 - (d) ICC
4. Which of these is not a standard container size
 - (a) 20'
 - (b) 30'

- (c) 40'
- (d) 45'
5. Which of these is not an advantage of containerization
- (a) Flexibility
 - (b) Velocity
 - (c) Security
 - (d) Stacking
6. Direct shipment via Distribution Centre with Cross-Docking, using Milk-Runs, in the maritime containerized liner shipping context is actually a _____ Network.
- (a) Asymmetrical network
 - (b) Pendulum service
 - (c) Hub and Spoke
 - (d) Round the World network
7. _____ is an ultimate form of unitization in international freight transportation.
- (a) Multimodalism
 - (b) Intermodalism
 - (c) Containerisation
 - (d) Agglomeration
8. Singapore is a _____ port, whereas Shanghai is a _____ port.
- (a) Hub and Gateway respectively
 - (b) Gateway and Hub respectively
 - (c) River and sea ports respectively
 - (d) Container and bulk ports respectively
9. Trans-Atlantic connects the continents of _____
- (a) Asia-Europe
 - (b) Asia-America
 - (c) Europe-America
 - (d) Europe-Antartica
10. Odessa is port in the _____
- (a) Black Sea
 - (b) Red Sea
 - (c) Caspian sea
 - (d) Mediterranean sea

Section B

Five Questions of 02 Marks each

11. Distinguish between COFC and TOFC.
12. What is the VGM Rule under the SOLAS Convention?
13. Distinguish between and explain very briefly Landbridge, Mini-landbridge, Micro-land Bridge
14. Identify and briefly discuss at least three types of mechanized means of Goods transportation and their suitability by cargo type.
15. Operationally distinguish between RORO and LASH.

Section C

Seven Questions of 08 Marks each of which any 05 questions to be answered.

16. Briefly discuss the main components of multi-modal infrastructure?
17. What are the main drawbacks of containerization?
18. What are hub and-spoke structures? What are the main advantages and the Potential disadvantages of hubs in a hub and-spoke structure?
19. Distinguish between and explain very briefly Intermodalism, Multimodalism, Transmodalism. What is transmodalism in maritime shipping?
20. Identify the geographical maritime *bottle-necks/choke-points* in the Far-East-Asia to/from Europe core maritime route and their importance in International trade.
21. What are the four major functions that define an intermodal transport chain?
22. Distinguish between 'Open Top', 'Flat Rack', and 'Platform' containers and Their uses?

.....