

Indian Maritime University
(A Central University, Govt of India)
End Semester Examinations – December 2023
Programme Name: MBA (ITLM/PSM)
Semester: III
Subject Code: PG22T3303
Subject Name: INTERMODAL FREIGHT TRANSPORTATION

Date: 08.12.2023	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

Ten MCQs/Fill in the Blanks of 01 Mark each – Choose the correct answer as applicable.

1. Which of these is not an advantage of containerization
a. Flexibility b. Velocity c. Security d. Stacking

2. Ships that ply on fixed routes on published schedules are called
a. Liners b. Tramps c. Bulkers d. Feeders

3. TOFC is the same as _____
a. Piggyback b. Total fleet control c. Tri-optic fibre carrier d. None

4. Which of these is not a standard container size
a. 20' b. 30' c. 40' d. 45'

5. ---- is an example of a new container port created away from the old port in a congested urban area
- a. Chennai Port b. Jawaharlal Nehru Port Mumbai c. Paradip port
d. Kandla port
6. _____ refers to traffic moving along a route with greater than average volume
- (a) Head haul (b) Haulage (c) Hub (d) Backhaul
7. Which of these is not a key point of Heinrich's theory
- (a) Accidents are preventable.
(b) Unsafe acts and unsafe conditions are the two main causes of accidents.
(c) The severity of an accident is often unrelated to the cause.
(d) Illness is the main cause of most accidents
8. Which of these is not an analytical model
- (a) prescriptive (b) predictive (c) prospective (d) prepossessed
9. Achieving a balance between the amount of greenhouse gases emitted into the atmosphere and the amount removed from it is
- a. Carbon neutrality
b. Ozone Balance
c. Carbon Negative
d. None of the above
10. The International convention applicable for road transport is
- a. MTO convention
b. IMO convention
c. CMR Convention
d. None of the above

Section B

Five Questions of 02 Marks each

11. Distinguish between COFC and TOFC.
12. Distinguish between 'Ventilated' and 'Refrigerated' containers.
13. What are the benefits of dedicated freight corridor?
14. Distinguish between prescriptive and predictive models in OR
15. Explain the objectives of IATA regulations

Section C

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

16. What is transmodalism in maritime shipping and what are its significance?
17. Explain the functions of ICDs/CFSS and distinguish between them.
18. Distinguish between and explain very briefly Landbridge, Mini-landbridge, Micro-landbridge.
19. What is the ASI Framework strategy for sustainable freight transport?
20. What are the main technical challenges for inland water transport?
21. Explain how strategic, tactical and operational planning in Intermodal systems with a case study of a trucking company intending to set up a cargo consolidation centre near a container terminal.
22. Explain the functions served by a Multimodal logistic park.