

Indian Maritime University
(A Central University, Govt. of India)
End Semester Examinations – December 2022
Programme Name: MBA (ITL/PSM)
Semester: III
Subject Code: PG22T2303/PG21T2303
Subject Name: Elements of Shipping Management

Date: 21.12.2022

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

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

1. Vessels that ply loose cargo loads in large quantities across oceanic channels are referred to as _____.
 - a. Feeder Vessels
 - b. Container Ships
 - c. Bulk Carriers
 - d. BIBO Vessels
2. _____ vessels do not have upper & lower wing tanks and instead maintain wing tanks and come with linear sides that help them to accommodate forestry products.
 - a. Open Hatch Bulk Carriers
 - b. Ro/Ro Ships
 - c. Self-discharge Vessels
 - d. Combined Bulk Carriers
3. The owner has a claim for _____, if the charterer does not supply the agreed quantity of cargo.
 - a. Dead freight
 - b. Ullage
 - c. Damages
 - d. Demurrages
4. Under dangerous goods, Class 4 refers to
 - a. Gases
 - b. Corrosives
 - c. Flammable Solids

- d. Radioactive Substances
5. _____ are responsible for providing stores on-board the ships.
- Ship Agents
 - Ship Brokers
 - Ship Manager
 - Ship Chandlers
6. When a ship is in bareboat chartered for its whole life, it is called _____.
- Time Charter
 - Financial Lease
 - Operating Lease
 - demise charter
7. _____ of ships strictly mandate ownership by individuals and/or companies incorporated in in that country.
- Open registries
 - Closed registries
 - International registries
 - Bareboat registries
8. _____ is required if the vessel is to load or discharge with its own gear, this gives details of cargo gear survey and the relevant safe working loads.
- Lifting appliance certificate
 - Ship sanitation certificate
 - Dangerous goods certificate
 - Ballast water certificate
9. _____ is the weight of ship without cargo and any consumable.
- Dead weight tonnage
 - Gross weight tonnage
 - Light weight tonnage
 - Net weight tonnage
10. Which of the following is not an example of port charges?
- Pilotage
 - Conservancy Dues
 - Dock dues
 - Customs Duties

Section B

Five Questions of 02 Marks each

11. Write about Integrated Tug Barges.
12. What are 'Offshore Registries'?
13. What is the need for Port State Control?
14. List the items to be checked by the ship manager before accepting dangerous goods on to the vessel?

15. What is 'Salvage of ship'?

Section C

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

16. "Container ships are designed specifically to hold huge quantities of cargo compacted in different types of containers." Discuss the evolution and role of container ships in movement of cargo.

17. What is 'ship survey'? Describe the need and types of ship surveys'?

18. How are claims handled in shipping sector? Discuss the role of duty superintendent in the process of accident claims handling.

19. Write about the costs involved in running a ship? How does a ship owning/ management companies prepare their budget?

20. Explain the procedure to be followed for securely carrying dry bulk and dry non-bulk cargo?

21. "Role of ship manager is critical, especially during causalities and negligence from the ship manager is taken seriously." Discuss the duties of the ship manager as an agent.

22. From the following details prepare a voyage estimate to find the Per Metric Tonne freight rate for this cargo to break even for the owners.

Cargo details:

45,000/10 PCT Cement
Load Port: 1 SA Kosichang Thailand
Discharge Port: Genoa Italy
Laycan 1-10 December 2016
Loading Rate: 20,000 SATPMSHEX
Discharge Rate: 10,000 SHINC
2.5 PCT ADCOM + 1.25 PCT Brokerage

Vessel

MV INDIANA – Open SINGAPORE 29 November
58,000 DWT SDBC on Draft 12.2 meter SSW
Speed and Consumption: IFO (Fuel Oil) 13.5 knots/25 MT
(Laden) 14 Kn/21 MT (Ballast)
MDO (Diesel Oil) 1.5 MT at Sea, 1 MT in Port

Other details to collate:

Vessel delivery will take place DOP Singapore.
Vessel intake will be 49,500 MT Bulk Cement

Price of Bunkers: spot Singapore prices IFO USD 423/MDO USD 572 PMT
Port Costs: Kohsichang USD 10,000, Genoa USD 55,000
Miscellaneous expenses: USD 5,000
Suez Canal cost: USD 203,000
Suez Canal transit 1 day
Net Daily Hire of the ship (Cost in open market to charter a ship on a
time charter basis): USD 10,000 PDPR
Loading will take 3.12 days
Discharging will take 4.95 days
Ballast distance Singapore to Load Port 865 NM
Laden distance 7,307 NM
Repositioning leg distance 583 NM (reposition to Cape Passero)
Extra Sailing Time allowed for bad weather: 1 day
Turn Time 12 hours both ends.

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