

LST- July 2021

**Answer any 5 of the questions below. All questions Carry equal marks.** Compare and contrast Hague, Hague Visby and Hamburg Rules.

Discuss various provisions under MMT Act concerning 'Regulation of Multimodal Transportation'.

What is General Average? Discuss the conditions under which General Average contribution can be claimed giving examples of sacrifice and expenditure.

Explain the objective of the Customs Act 1962. Under what circumstances can a vessel be confiscated?

Discuss carrier's obligation concerning 'Care of Cargo' under Hague Visby Rules.

Define Salvage. Discuss the main provision of SCOPIC.

What is the purpose behind Collision Regulation? What do you mean by Alternate danger?

What are the potential benefits of being a party to the OPRC\_HNS Protocol 2000? What are the obligations of the parties to the OPRC-HNS Protocol?

Give a bird's eye view of the Merchant Shipping Act, 1958.



# Shipping Economics - July 2021 Final year

**Answer any three questions. All questions carry equal marks**

Cost

management is key to business success and shipping is no exception. Identify the cost elements under shipping and how can shipowners control these costs.

March 2015

a) Identify the factors that influence a Lay-up decision.

b)

Outline procedures of laying up and reactivating a ship.

March 2016

What are the documents used for sale and purchase of ships and highlight the importance of each document.

July 2018

How has the change in oil production level and locations changed the demand for shipping? Use examples to support your answer.

March 2017

Write short notes on following :-

a) Ship-breaking industry in India.

b) Investment appraisal in shipping.

March 2019



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**NAROTTAM MORARJEE INSTITUTE OF SHIPPING**  
**Mumbai**

**Examination Paper – March 2021**

**Associateship/Post Graduate Diploma in Shipping Management & Logistics – Second Year**

**PART II – Shipping Finance**

**.03.2021**

50  
**Total 25 marks**

Question No. 1 is compulsory. Answer any 4 questions from the rest.  
A total of five questions are to be answered.

1. Explain different parties of a Letter of Credit.
2. Explain the role of "Bank for International Settlements" (BIS).
3. Write short notes on any two:
  - a. EXIM Bank of India
  - b. Asian Development Bank
4. Explain the difference between "Balance of Trade" and "Balance of Payments".
5. Explain any two of the following:
  - a. Foreign Institutional Investors (FII)
  - b. Foreign Direct Investors (FDI)
  - c. Important aspects of Gold Standard
6. Discuss the important aspects of ship acquisition.
7. Explain Credit Risk and Liquidity risk in finance.



**NAROTTAM MORARJEE INSTITUTE OF SHIPPING  
MUMBAI**

**Examination Paper – July 2021**

**Fellowship/Post Graduate Diploma in Shipping Management – Final Year**

**RISK MANAGEMENT & MARINE INSURANCE**

**Total 100 Marks**

**Time: 3 Hours.**

**Attempt question 1 which is compulsory and any other FOUR questions.**

**Total FIVE questions have to be attempted.**

**All questions carry equal marks (20 marks).**

Qu. 1

Answer the following questions in at least FIVE lines. Marks will be awarded on the basis of the clarity of thought and reasoning: [4\*5]

- (a) A loaded tanker runs aground resulting in serious damage to its hull. The oil started leaking from the tanks and there was a big possibility of major pollution damage. To prevent this the government decided to destroy the vessel resulting in its total loss. Can the ship owner claim for this intentional loss of the vessel?
- (b) A ship had a fire due to the negligence of the engineer of the vessel which resulted to the damage to the ship. Can the ship owner claim for this damage from its Hull and Machinery insurance?
- (c) A truck company is engaged in transporting between ICD/ CFS to the port. During this transport the containers may be damaged. Can the company take insurance of the cargo?
- (d) A large bulk carrier is in ballast and has engine breakdown during a voyage when the ship is passing near an island. The Master drops an anchor so that the drifting ship does not run aground. The vessel is saved and in the meanwhile the engine starts and the ship continues on its original voyage. In this process the ship lost the anchor. Can general average be claimed?

Qu. 2

- (a) Explain the Collision Liability (not the collision liability clause). [5]
- (b) Vessel 'A' collides with vessel 'B'. The damage on two ships was 8,000,000 and 2,000,000 while the insured values were 20 and 40 million respectively. Blame of collision on Ship A was 40% and on Ship B was 60%. The deductibles for ship 'A' for H&M was 200,000 and for P&I was 50,000. Similar figures for ship 'B' were 100,000 and 30,000 respectively.
  - (i) Calculate the total collision liabilities of both ships. [2]
  - (ii) Calculate the amount paid by the hull insurers of both ships [5]
  - (iii) Calculate the amount paid by the P&I clubs of both ships [5]
  - (iv) Calculate the amount that the owners of both ships will have to bear as the same will not be covered by insurances. [3]



Qu. 3

- (a) Explain who all may be exposed to the liabilities in the multimodal operations and how they can insure against this risk. [10]
- (b) How does a P&I club function? What are its advantages over the traditional insurance companies? [10]

Qu. 4

- (a) Institute Cargo Clauses (A) is referred as an 'all risk' cover policy. Are there any losses/damages that will not be covered under these clauses? [12]
- (b) Clarify if the shipper or the consignee has insurable interest in the insurance of cargo? [8]

Qu. 5

Write short notes on any FOUR of the following: [4\*5]

- (a) Deductible
- (b) Freight insurance
- (c) Sue and labour
- (d) Open policies
- (e) Omnibus rule

Qu. 6

- (a) Risk management is a technique of safeguarding the organization's assets and activities - discuss this statement. [10]
- (b) A ship owner is planning to purchase a secondhand bulk carrier. Identify at least SIX risks that he may face while operating the ship. How can these risks be managed? [10]

Qu. 7

- (a) In which all situations the H&M insurance may terminate before the completion of the full period of insurance? [10]
- (b) Explain the difference between pure and contractual salvages. Who pays for the salvage? [10]

Qu. 8

- (a) Explain general average. [5]
- (b) A general cargo ship valued at 4 million USD encountered serious cargo fire in one of its cargo holds. The damage due to fire was estimated to be for cargo A and C for 40,000 and 30,000 each. At the time the vessel had four cargoes A; B; C; and D valued at 1,500,000; 100,000; 500,000 and 100,000 respectively. The charges for the firefighting tugs paid by the ship owner were 160,000. While fighting fire cargo A and C were damaged to the extent of 15,000 and 5000 respectively. The damage due to cutting the bulkhead so that the firefighting team could reach the seat of fire was repaired at 10,000. Calculate:
  - (i) Total amount of GA [3]
  - (ii) All contributory values [6]
  - (iii) Amount of GA contributed by each interest [6]

Qu. 9

- a) Explain warranties with examples. [8]
- b) Define marine insurance and explain its scope. What is the main difference between marine and other property insurances? [12]



**NAROTTAM MORARJEE INSTITUTE OF SHIPPING  
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Examination Paper – July 2021

Fellowship / Post Graduate Diploma in Shipping Management – Final year  
CHARTERING

Date:

(100 Marks)

**NOTE:** All Questions are compulsory.

Q7 and Q8 will carry 20 marks

All other questions carry 10 marks.

Please read the questions carefully before answering

- Q1) Give full forms for following abbreviations
- WIBON
  - BBB
  - DLOSP
  - SSHEX EIU
  - AWRP
- Q2) Write short notes (any two) –
- AFRA
  - Shipping Pool
  - Subjects
- Q3) Explain following chartering terms–
- CQD
  - Beaufort Scale
  - Broken Stowage
  - In geographical rotation
  - Air Draft
- Q4) Enlist major clauses appearing in the following charter-party form (any one)
- GENCON
  - Shelltime 4
- Q5) Calculate (5 marks each) –
- Vessels hold grain capacity is 3,153,012 cbf and cargo stowage factor is 58. As chartering practitioner, can you fix cargo with contract quantity 60,000mt 10% moloo. Show your workings.
  - |              |                |
|--------------|----------------|
| Loadport:    | Ras gharib     |
| Disport:     | Jamnagar (spm) |
| Minimum qty: | 80,000 mt      |
| B/l qty:     | 83,100 mt      |
| Freight:     | ws 110 o/a 50% |
| Flat rate:   | usd. 11.36 pmt |
| Commission   | 2.5%           |



Ws states "when cargo is loaded or discharged at the Jamnagar spm terminal, a variable rate differential of \$ 0.49 to added to ws published rate."

Calculate net freight.

Q6) Answer briefly (any three) –

- a) What are the role of a Post-fixture Manager?
- b) What are the Dos and Don'ts of a Chartering Practitioner?
- c) What do you understand about Baltic Indices?
- d) What is the significance of fixture recap?

Q7) A handy size bulk carrier fixed to load 20,000 tonnes iron ore at Marmagao for Rotterdam. Prepare a voyage estimate and find out a) break even price b) T/C yield and c) profit / loss per day from the following details:-

- a) DWT : 21000 MT
- b) Service speed 13 knots on consumption, VLSFO – 25 MT per day MGO – 1 MT per day
- c) Allow 5 days for loading and 3 days for discharge
- d) Freight USD. 22 per tone FIOT less 1 per cent in lieu of weightment.
- e) Total commission 2.5 per cent including 1.25 per cent address.
- f) Vessel's standing charges USD. 4000 per day.
- g) Average cost of VLSFO USD.400 PMT and MGO USD.550 PMT .
- h) Disbursements : Mamagao USD. 15000  
Suez Canal USD. 60,000  
Rotterdam USD. 26,000
- i) Distance from Marmagao to Rotterdam (via Suez) : 6385 NM

Q8) M.V."Caroline" loaded 60000 MTS of Bauxite Malaysian port of Kuantanfixed on following CP terms –

- A) Load rate: 15000 MT PWWD SHEX UU If used actual time to count basis 5H/5H, 5cranes
- B) NOR to be tendered if vessel in free pratique
- C) Turn Time 12 hours unless sooner commenced
- D) First shifting not to count
- E) Demurrage : USD. 12000 PDPR
- F) Despatch half the demurrage rate on working time saved
- G) Running days of 24 consecutive hours is used

SOF at load port are as follows -

Date	Day	Time (hrs)	
23 April	Wed	1200	Arrived
23 April		1200	Anchored
23 April		1250	Free pratique
23 April		1300	Nor



24 April	Thu	1100	Pob
24 April		1400	Berthed
24 April		1500	Commenced loading
30 April	Wed	1400	Loading completed
30 April		1530	Documents on board
30 April		1600	Pob
30 April		1700	sailed

Remarks:-

25 April Friday, cargo stopped due to bad weather from 1100 hrs to 1700 hrs

26 April Saturday one crane did not function for 16 hours

27 April Sunday loading continued from 0001 hrs till 1200 hrs

28 April Monday was an election day (holiday) and loading stopped from 0800 hours to 1600 hours

Calculate laytime used, demurrage or despatch?

-end-



# Narottam Morarjee Institute of Shipping

## Liner Trade & Multimodal Transport – JULY 2021

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**NOTE: Answer any FIVE Questions. All questions carry equal marks**

1. What is FREIGHT CHARGE and What are the FACTORS considered while finalizing freight rate between origin and destination.  

(20 Marks)
  
  2. Explain the Objectives of the IMDG Code. List down the classification of hazardous cargo as mentioned in the IMDG Code.  

(20 Marks)
  
  3. Define the term LINER AGENT and Explain the duties & responsibility of a Liner agent as per Standard Liner Agency Agreement.  

(20 Marks)
  
  4. Explain the following CHARGES of LINER TARIFF in detail.  

(a) DETENTION CHARGES	(b) DEMURRAGE CHARGES
(c) PEAK SEASON SURCHARGE	(d) STORAGE CHARGES

(5 x 4 = 20 Marks)
  
  5. Define BAY PLAN and explain in detail with a diagram BAY, ROW and TIER on board a ship.  

(20 Marks)
  
  6. Define CONTAINER TERMINAL and list the container handling equipment used in container terminal and define the scope of use of container handling equipment.  

(20 Marks)
  
  7. Explain the GUIDELINES for STUFFING of cargo in CONTAINERS. List down 10 types of cargo stuffed in containers.  

(20 Marks)
  
  8. Define SEAWAY BILL and List the advantages and dis-advantages of using SEAWAY BILL.  

(20 Marks)
- .....



Set 2



**NAROTTAM MORARJEE INSTITUTE OF SHIPPING  
MUMBAI**

**Examination Paper – March 2021**

**Fellowship / Post Graduate Diploma in Shipping Management & Logistics – Final year**

**LOGISTICS MANAGEMENT**

**0.03.2021**

**Total 100 Marks**

**Time: 3 Hours.**

Question 1 is compulsory. Attempt any other FIVE Questions

1. Explain the role that is played by logistics in a nation's economy.
2. How do you improve Supply Chain Sustainability?
3. Write short notes on:
  - a. MMLP
  - b. Difference between AWB and a Bill of Lading
4. Explain Transportation Costing.
5. What is the role of purchasing in a Supply Chain?
6. What are the functions of warehousing?
7. Discuss Cold Storage Management.
8. Discuss the importance of IATA.
9. What are the characteristics of good customer service?