

Narottam Morarjee Institute of Shipping**Shipping Practice – JUNE / JULY 2024**

29 JUN 2024

NOTE: PART A - (Answer 6 questions out of 8) (10 Marks Each)**PART B – ALL questions are compulsory. (2 Marks Each)**

1. Explain in which type of Shipping are the following cargoes carried.

Cargo Type	Type of Shipping
Minerals / Ore	
Ready Made Garments & Apparels	
Fertilizers	
Electronic Goods	
Wood Logs	

2. List down FIVE features of LINER SHIPPING.
3. Explain FLAGSTATE and list down FIVE main roles of FLAGSTATE.
4. List the FIVE major elements which influence the fixing of freight rates.
5. Explain with a diagram STANDARD MOORING ARRANGEMENT of a Ship at a port.
6. Explain the details of CARGO GEAR which are used in Ports or its vicinity.
- a. RMQGC
 - b. RTGC
7. Explain the following Shipping documents in detail.
- a. SHIPPING BILL
 - b. DANGEROUS GOODS MANIFEST
8. Explain VTMS and the FIVE Major Features of a VTMS.

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PART B – Compulsory (2 Marks Each)

1. LOAD LINE Certificate is issued by the Shipper after completing loading operations. (TRUE/FALSE)
2. A cargo manifest needs to be filed with Customs before the arrival of the vessel at port. (TRUE/FALSE)
3. NYPE is a Charter Party code form used for vessels under TIME CHARTER. (TRUE/FALSE)
4. Ship Specification & Age does not influence the freight rate in Charterparty. (TRUE/FALSE)
5. NOR is to inform the shippers that the vessel is presently ready in all aspects to load cargo. (TRUE/FALSE)
6. Note of Protest is a declaration under oath by the Master of the ship. (TRUE/FALSE)
7. FREIGHT BROKER is a middleman between the cargo owner and the carrier. (TRUE/FALSE)
8. As compared to LINER agency, PORT Agency for a TRAMP trade requires LESS STAFF. (TRUE/FALSE)
9. The distance from the waterline to the upper deck level is called as DRAFT. (TRUE/FALSE)
10. BALLAST Tanks on board tackle the issues of dynamic transversal & longitudinal instability. (TRUE/FALSE)

NAROTTAM MORARJEE INSTITUTE OF SHIPPING

MUMBAI

EXAMINATION PAPER JUNE/JULY 2024

ASSOCIATESHIP/DIPLOMA IN SHIPPING MANAGEMENT & LOGISTICS

SUBJECT - COMMERCIAL & SHIPPING LAW

30.06.2024

TOTAL MARKS: 80

TIME: 3 HOURS

(Theory answers to be brief and to the point)

Question No. 1 is compulsory

Answer any 3 other questions. All questions carry equal marks.

Q1. All Contracts are Agreements but all agreements may not be a contract. Explain this statement with the help of essentials of a valid contract. Substantiate and validate your answer quoting examples.

Q2. Define 'Guarantee' as per Section 126 of the Indian Contract Act. What are the essentials of a valid Guarantee? Explain the rights of a surety.

Q3. Who is an 'unpaid seller'? Explain the rights of an unpaid seller.

Q4. The Himalaya clause seeks to prevent shippers from proceeding against servants, agents and subcontractors of the carrier. What was the origin of the 'Himalaya Clause'? Explain its significance in Torts in shipping.

Q5. Define Consent. When is consent said to be free? Explain each prerequisite of a free consent.

Q6. Explain the salient features of Arbitration and Conciliation Act of 1996. What are the powers of a Arbitrator? Why is Arbitration preferred over other modes of conflict resolution?

Q7. What is Discharge of Contract by Breach? What are the various kinds of breach and what are the options available to the aggrieved party when he anticipates Breach? What are the remedies for the Breach of Contract?

Shipping Economics & Finance (80 marks)

Subject: Shipping Economics

01 JUL 2024

Total Marks: 60

Please answer any 6 questions from the first 08 question, of which question 08 is compulsory

Each question carries 9 marks (ie for 5 questions), while question 08 carries 15 marks (total = 45+15)

- Q1) What are incoterms, explain any 6 of them?
- Q2) Explain Lumpsum freight and WorldScale and its concept?
- Q3) What are the measures for assessing the productivity of a port and how they can be improved?
- Q4) What actions were taken by the shipowners for controlling costs while operating a ship?
- Q5) What is the economic impact of piracy on commercial shipping?
- Q6) Explain the Opportunity cost theory, with examples?
- Q7) What are the options open to a shipowner when the market condition is extremely difficult?
- Q8) Calculation problem as per Annex One

ANNEX ONE

The round voyage was completed in 75 days of which 45 days vessel was in port

Vessel consumes about 25 tonnes of heavy oil and 0.5 tonne of Diesel oil while steaming and about 6 tons of heavy oil and 3.0 tonnes of Diesel oil per day in port.

Average cost of bunkers is US\$ 550 PMT for heavy oil and US\$ 880 PMT for Diesel oil.

Suez canal charges of US\$ 320,000 /- was incurred for aforementioned voyage.

Standing charges of the vessel is US\$ 7700 per day.

Prepare voyage accounts showing G.O.P and N.O.P per day. The following is the port-wise summary of Disbursements and freight earnings of MV "Ocean Sachiel" sailed from New castle.

QUESTION PAPER - SHIPPING ECONOMICS & FINANCE

<p><u>New Castle</u> - Tons loaded 5000 MT Port cost USD. 35000 Stevedoring USD. 25000 Agency fees USD. 5000</p>	<p><u>Izmit</u> - Tons loaded 4000 MT Tons dischd 1000 MT Port cost USD. 20000 Stevedoring USD. 40000 Agency fees USD. 3000 Freight earned USD.175000</p>	<p><u>Port Said</u> - Tons discharged 3000 MT Port cost USD.26500 Stevedoring USD. 16000 Freight earned USD. 200000</p>
<p><u>Singapore</u> - Tons loaded 10000 MT Port cost USD.42000 Stevedoring USD. 42000 Agency fees USD. 1500</p>	<p><u>Valencia</u> - Tons loaded 2000 MT Tons dischd 5000 MT Port cost USD. 40000 Stevedoring USD. 40000 Agency fees USD. 10000 Freight earned USD. 300000</p>	<p><u>Salalah</u> - Tons discharged 6000 MT Port cost USD.28000 Stevedoring USD. 25000 Freight earned USD. 200000</p>
<p><u>Cochin</u> - Tons loaded 8000 MT Tons dischd 3000 MT Port cost USD. 55000 Stevedoring USD. 20000 Agency fees USD. 2000 Freight earned USD. 100000</p>	<p><u>Gibraltar</u> - Tons discharged 5000 MT Port cost USD. 53000 Stevedoring USD. 15000 Agency fees USD. 5000 Freight earned USD. 250000</p>	<p><u>New Castle</u> - Tons discharged 5000 MT Port cost USD.32000 Stevedoring USD. 32000 Freight earned USD. 100000</p>
<p><u>Rabiq</u> - Tons loaded 6000MT Port cost USD.23000 Stevedoring USD. 26000</p>	<p><u>Malta</u> - Tons discharged 7000 MT Port cost USD.38000 Stevedoring USD. 25000</p>	

Subject: Shipping Finance

Total Marks: 20

Please answer any 4 questions, each carry equal marks

- Q1) Write in brief about Basel I / II / III
- Q2) What is bill of lading, its importance and what is mentioned on the bill of lading?
- Q3) Why Forex is important for a country?
- Q4) What are the various forms of Equity Financing, explain in brief?
- Q5) Write notes on: (a) Net Present Value Method. (b) Evaluation of Accounting Rate of Return?

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MUMBAI**

Examination Paper – June/July 2024

ASSOCIATESHIP/DIPLOMA IN SHIPPING MANAGEMENT & LOGISTICS

Subject – Current Shipping Environment & Logistics

02.07.2024

Total 80 Marks

Time: 3 Hours.

NOTE: Q -1 IS COMPULSORY. ANSWER ANY FOUR QUESTIONS FROM Q NO. 2 TO Q NO. 7. ALL QUESTIONS CARRY EQUAL MARKS

1. Write short notes on any four of the following:
 - a) Indian Ports Association (IPA)
 - b) Central Warehousing Corporation
 - c) Recent attacks on ships near Yemen coast
 - d) MARPOL
 - e) Importance of shipping in supply chain
 - f) CONCOR
2. Explain why Ship vetting is required and how it is done?
3. Explain with Organogram and administrative frame work of DG Shipping and its functions.
4. What is Port State Control (PSC) ? Explain in detail MOU and its importance. How PSC inspection help to achieve safety on ships ?
5. Explain in detail Ships manning management. Also explain details of Minimum safe manning certificate.
6. Explain role of classification society and IACS in shipping.
7. Explain Ships registry, Flag of Convenience and its (FOC's) advantages and disadvantages to all the stake holders.

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Examination Paper – June/July 2024

ASSOCIATESHIP/DIPLOMA IN SHIPPING MANAGEMENT & LOGISTICS

Subject – Geography of Sea Transport

03.07.2024

Total 80 Marks

Time: 3 Hours.

Questions No.1 and No.2 are compulsory. Answer any 3 other questions from the balance 5.

1. On the outline of world Map, mark & name the following :

- a) Time zones of any four countries in Indian sub-continent.
- b) Any Four Bunkering ports in South China Sea.
- c) Caspian sea, Gulf of Thailand, Gulf of Oman & Indian Ocean.
- d) Ports - Antwerp, Bandar-e-abbas, Cape town & Tokyo.

2. On the outline of world Map, mark & name the following :

- a) Shipping canals - Europa canal with seas on either sides.
- b) Show Bulk carrier's route from Mumbai to Los Angeles.
- c) Any Four currents with direction of flow & whether warm/cold.
- d) Bosphorous strait, Torres strait, Gulf of Suez & Bering strait.

3. a) On the outline of India map, show Inland Waterways. Describe typical cargoes carried on each of them.

b) Show any 3 ports in the states of West Bengal and Kerala.

4. Write short notes on the following :

- a) SAARC
- b) AU
- c) OECD
- d) OPEC

5. Write short notes on:

- i) How Crude oil is formed?
- ii) How the crude oil is classified?
- iii) Examples of Light distillates and Heavy distillates.

6. Draw and describe the 'SAGARMALA project' with the help of India map.

**7. Explain the importance of Canals in ocean transportation.
Draw and describe "Panama Canal".**
