

Narottam Morarjee Institute of Shipping

Shipping Practice – JUNE 2023 (online)

23.06.2023

NOTE: Answer any 10 Questions. All questions carry equal marks (10 Marks Each)

1. Explain the term "SEAWAY BILL". List down five items mentioned on the Bill of Lading.
2. Explain "CLASSIFICATION SOCIETIES" and list three important functions of the Classification society.
3. Explain STOWAGE FACTOR and the factors which influence the stowage factor of cargo.
4. Explain the following Shipping documents in detail.
 - a. PROFORMA INVOICE
 - b. PORT CLEARANCE
5. Explain the following areas and its uses in and in the vicinity of a port.
 - a. TURNING BASIN
 - b. ANCHORAGE
6. Explain the following Shipping documents in detail.
 - a. EXPORT GENERAL MANIFEST
 - b. SHIPPING BILL
7. Explain BALLAST TANKS on board the ships and summarize the FIVE uses of these tanks.
8. Explain the document "NOTE of PROTEST" and list at least Five circumstances under which this document is issued.
9. Explain in detail the features of a Ro-Ro Ship and list down the Advantages of a RO-RO ship over traditional ships.
10. Explain "LETTER of CREDIT". List down five advantages each for an Exporter and Importer.
11. Explain the following cargo gear and WHERE IT IS USED.
 - a. MOBILE HARBOUR CRANE (MHC)
 - b. RMGC (Rail Mounted Gantry Crane)
12. List the capacity measurement on the following vessel types.

Ship Type	Capacity Measurement
Container Ship	
Bulk Carrier	
Pure Car Carrier	
Ro-Ro Ship	
Tanker vessel	

June - 2023 (100 marks)

Questions No.1 and No.2 are compulsory.

Answer any 3 other questions from the balance 5

On the outline of 'Map A', mark & name the following

- a) Any Four Bunkering ports in America continent.
- b) Ports - Antwerp, Zeebrugge, Sydney & Tokyo.
- c) English channel, Magellan Strait, Persian Gulf & Torres Strait.
- d) Time zones of four different countries in Asia continent.

5
5
5
5

1 SUBJECTIVE

On the outline of 'Map A', mark & name the following

- a) Suez and Kiel shipping canals - with seas & ports on either sides.
- b) Show Cape size Bulk carrier route from Mumbai to Rotterdam.
- c) Any Four currents with direction of flow & whether warm/cold.
- d) Gulf of Oman, Gibraltar strait, Black Sea & Gulf of Mexico.

5
5
5
5

2 SUBJECTIVE

- a) Describe 'International Date Line' and state why it is not a straight line?
- b) What are Time zones? Name any 5 countries with their time zones.

20

3 SUBJECTIVE

Write short notes on the following

- a) ASEAN b) EU c) LAFTA d) SAARC

20

4 SUBJECTIVE

- a) Describe the 'SAGARMALA project' with the help of India map.
- b) Mark & name any 3 ports in the states - Tamilnadu and Karnataka.

20

5 SUBJECTIVE

Discuss the factor's required to develop fishing industry in India.
What initiatives are taken by Indin Govt. in this respect?

20

6 SUBJECTIVE

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

20

7 SUBJECTIVE

NIMIS - GST - online

27-06-2023

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d) Gulf of Oman, Gibraltar strait, Black Sea & Gulf of Mexico.

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✓ b) What are Time zones? Name any 5 countries with their time zones.

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a) Describe the 'SAGARMALA project' with the help of India map.

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✓ b) Mark & name any 3 ports in the states - Tamilnadu and Karnataka.

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✓ What initiatives are taken by Indin Govt. in this respect?

Explain the importance of Canals in ocean transportation.

7 SUBJECTIVE

✓ Draw and describe "Panama Canal".

Geography
Of Sea
Transport

20 Marks 5 5 5 5

20 Marks 5 5 5 5

20 Marks

20 Marks

20 Marks

20 Marks

20 Marks

NAROTTAM MORARJEE INSTITUTE OF SHIPPING ✓
MUMBAI

EXAMINATION PAPER ^{JULY}~~MARCH~~ 2023

(Repeaters)

ASSOCIATESHIP /POST GRADUATE DIPLOMA IN SHIPPING MANAGEMENT – FIRST
YEAR

26-6-2023

CURRENT SHIPPING ENVIRONMENT

TOTAL MARKS: 100

TIME: 3 HOURS

th March 2023

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

1. Write a short note on any **FOUR**.

✓ 1. BIMCO,

4. Shipping Master

✓ 2. WHO

5. COVID 19 and its effect on shipping.

3. Pipe line transport – advantages and disadvantages

✓ 2. Write a detail note on Maritime frauds and Container crime. Also explain role of IMB.

✓ 3. What is Ship Management concept and explain manning, technical and commercial management.

✓ 4. Explain Ships registry, Flag of Convenience and its (FOC's) advantages and disadvantages to all the stake holders.

✓ 5. Explain Organogram and administrative frame work of IMO and its functions.

✓ 6. What is Port State Control (PSC) ? Explain in detail its functions and its importance. Also explain PSC MOUs.

✓ 7. Explain how major ports are controlled by GOI and their standard set up and functioning

Pbj2023

SET ONE

June 2023 (Repeat)

Subject: Shipping Economics

Total Marks: 75

Please answer any 7 questions from the first 10 questions, of which question 10 is compulsory

Each question carries 10 marks (ie for 6 questions), while question 10 carries 15 marks (total = 60+15)

Economics

✓ Q1) Draw the Demand / Supply curve and show how does the change in demand or supply affect shipping freights?

✓ Q2) Explain the Opportunity cost theory, with examples?

✓ Q3) What are incoterms, explain any 6 of them?

✓ Q4) Draw a typical shipping cycle, explain its various sections? Draw the Break even point and explain?

✓ Q5) What do you understand by the term "economies of scale"? Explain how does it affect ship owners, cargo owners and port?

✓ Q6) What kind of bunkers are used in Shipping? Explain in detail what factors affect the purchasing decision?

✓ Q7) What is a port agent? What are his duties and what charges are related to port operations?

✓ Q8) Describe the basic structure of a port and the department duties?

✓ Q9) How does piracy affect commercial shipping?

Q10) Calculation problem as per Annex One

ANNEX ONE

The round voyage was completed in 60 days of which 40 days vessel was in port

Vessel consumes about 23 tonnes of heavy oil and 0.5 tonne of Diesel oil while steaming and about 5 tons of heavy oil and 1.5 tonnes of Diesel oil per day in port.

Average cost of bunkers is US\$ 600 PMT for heavy oil and US\$ 900 PMT for Diesel oil.

Suez canal charges of US\$ 420,000 /- was incurred for aforementioned voyage.

Standing charges of the vessel is US\$ 8000 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 "Kingston" sailed from Dampier.

<p><u>Dampier</u> - Tons loaded 5000 MT</p> <p>Port cost USD. 30000</p> <p>Stevedoring USD. 20000</p> <p>Agency fees USD. 5000</p> <p><u>Singapore</u> - Tons loaded 10000 MT</p> <p>Port cost USD.40000</p> <p>Stevedoring USD. 40000</p> <p>Agency fees USD. 3000</p> <p><u>Colombo</u> - Tons loaded 8000 MT</p> <p>Tons dischd 3000 MT</p> <p>Port cost USD. 50000</p> <p>Stevedoring USD. 25000</p> <p>Agency fees USD. 4000</p> <p>Freight earned USD. 100000</p> <p>Jeddah - Tons loaded 6000MT</p> <p>Port cost USD.23000</p> <p>Stevedoring USD. 26000</p>	<p><u>Istanbul</u> - Tons loaded 4000 MT</p> <p>Tons dischd 1000 MT</p> <p>Port cost USD. 20000</p> <p>Stevedoring USD. 40000</p> <p>Agency fees USD. 3000</p> <p>Freight earned USD.175000</p> <p><u>Valencia</u> - Tons loaded 2000 MT</p> <p>Tons dischd 5000 MT</p> <p>Port cost USD. 40000</p> <p>Stevedoring USD. 40000</p> <p>Agency fees USD. 10000</p> <p>Freight earned USD. 300000</p> <p><u>Gibraltar</u> - Tons discharged 5000 MT</p> <p>Port cost USD. 53000</p> <p>Stevedoring USD. 15000</p> <p>Agency fees USD. 5000</p> <p>Freight earned USD. 250000</p> <p><u>Malta</u> - Tons discharged 7000 MT</p> <p>Port cost USD.38000</p> <p>Stevedoring USD. 25000</p>	<p><u>Port Said</u> - Tons discharged 3000 MT</p> <p>Port cost USD.26500</p> <p>Stevedoring USD. 16000</p> <p>Freight earned USD. 200000</p> <p><u>Salalah</u> - Tons discharged 6000 MT</p> <p>Port cost USD.28000</p> <p>Stevedoring USD. 25000</p> <p>Freight earned USD. 200000</p> <p><u>Dampier</u> - Tons discharged 5000 MT</p> <p>Port cost USD.32000</p> <p>Stevedoring USD. 32000</p> <p>Freight earned USD. 100000</p>
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SET ONE

Subject: Shipping Finance

Total Marks: 25

Please answer any 5 questions, each carry equal marks

Finance

- ✓ Q1) What is bill of lading, its importance and what is mentioned on the bill of lading?
 - ✓ Q2) What are the various forms of Equity Financing, explain in brief?
 - ✓ Q3) Write notes on: (a) Net Present Value Method. (b) Evaluation of Accounting Rate of Return?
 - ✓ Q4) Why Forex is important for a country?
 - ✓ Q5) What are the special features of the International Markets?
 - ✓ Q6) Explain the various methods of debt financing in shipping?
 - ✓ Q7) Describe the pre-sale and the post-sale activities?
- same*

NAROTTAM MORARJEE INSTITUTE OF SHIPPING

MUMBAI

Examination Paper - ^{June} ~~July~~ 2023 (Repeaters)

Subject - Commercial and Shipping Law

24.06.2023

Total 100 Marks

Time: 3 Hours. ✓

(Theory answers to be brief and to the point)

Question No. 1 is compulsory

Answer any 4 other questions. All questions carry equal marks.

- ✓ Q1. A contract is formed only when an offer is accepted. Define Acceptance as per Sec 2(b) of Indian Contract Act. Explain the essentials of a valid Acceptance.
- ✓ Q2. Enumerate and explain the various kinds of agreements. Substantiate your answers with examples.
- ✓ Q3. Who is an Agent as per Section 182 of the Contract Act 1872? What are the different types of Agencies in shipping industry? Explain the rights of an Agent.
- ✓ Q4. Define Indemnity and enumerate the rights of the Indemnity holder as per Sec 125 of the Indian Contract Act. Discuss situation where the Shippers and Carrier have played roles of Indemnifier and indemnity holder.
- ✓ Q5. What is a Lighthouse? Discuss the provisions regarding Light dues as per the Indian Light house act 1927.
- ✓ Q6. What are the objects of the Indian Ports Act, 1908. Explain the salient features of the Indian Ports Act 1908.
- ✓ Q7. What is Maritime lien? List the claims which are usually accepted under Maritime lien.
- ✓ Q8. 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?