

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2020

Associateship / Post Graduate Diploma in Shipping Management – First year (Old Syllabus)

Associateship / Post Graduate Diploma in Shipping Management & Logistics – First year
(New Syllabus)

Subject – Commercial and Shipping Law

07.03.2020

Time: 3 Hours.

Total - 100 Marks

(Theory answers to be brief and to the point)

Students enrolled before April 2019 to answer Section A & Section C

Students enrolled after April 2019 to answer Section A & Section B

Question No. 1 is compulsory

Answer any 3 other questions from Section A

Answer any 1 question from Section B

Answer any 1 question from Section C

Section A

1. Define Bailment and enumerate the duties of the Bailee as per Sec 151 of the Indian Contract Act. Explain the liabilities of the Board of Trustees as a Bailee under the Major Port Trust Act, 1963

20 Marks

2. Define Consideration. State the essential elements of consideration.

20 Marks

3. Define conditions and warranties under Sale of Goods Act 1930. List down and explain some implied conditions in contract of sale.

20 Marks

4. What does the Inland Vessels Act 1917 aim at? Discuss the provisions regarding Survey and registration of Inland vessels as per the Inland vessels Act 1917.

20 Marks

PTO

- 5. Write short Notes on any 4:**
- a. Objective and application of FAL convention 1965.
 - b. Light house dues
 - c. Maritime lien
 - d. Harbour master's functions
 - e. Right's of the Pawnee

20 Marks

Section B

- 6. Define Freight. Discuss the provisions regarding when freight is payable.**

20 Marks

- 7. What is Tort? Explain the various types of Torts.**

20 Marks

Section C

- 8. Explain in detail the provisions of COGSA 1925.**

20 Marks

- 9. What is Maritime lien? List the claims which are usually accepted under Maritime lien.**

20 Marks

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2020

**Associateship / Post Graduate Diploma in Shipping Management &
Logistics – First year**

**PART I - SHIPPING ECONOMICS
(NEW SYLLABUS)**

Date: 08.03.2020

(75 Marks)

**Time: Part-I (Shipping Economics) & Part-II (Shipping Finance) to be completed in total
allotted time of 3 hours**

NOTE: **Q.7** is compulsory which carry 15 marks.
 Answer any 5 Questions from the rest, each carry 12 marks.
 Read the questions carefully before answering.
 Answer to be brief and to the point.

- Q1) Write short notes
- a) Ship Lay up
 - b) IMO Sulphur Cap 2020
- Q2) What are different types of charter? What are costs incurred by shipowner and charterer for each of such charter?
- Q3) Explain factors that influence demand for shipping and supply of ships.
- Q4) How does economies of scale apply in shipping? Also enlist demerits of this theory.
- Q5) Explain the four stages of shipping market cycles and how does freight rates react in each stage.
- Q6) a) Write a brief on Ship Breaking industry in India
 b) Differentiate Free trade and Protected trade
- Q7) The following is the port-wise summary of Disbursements and freight earnings of M.V. Mastereo sailed from Chennai.

CHENNAI	Tons loaded Freight	5400	Usd. 600,000	
	Stevedoring Port charges			Usd. 75000 Usd. 50000
MUMBAI	Tons loaded Freight	4200	Usd. 580,000	
	Stevedoring Port charges			Usd. 95000 Usd. 60000

SUEZ (west bound)	Port dues Canal dues Agency fees			Usd. 75000 Usd. 225000 Usd. 5000
LIVERPOOL	Tons discharged Tons loaded Freight Stevedoring Port charges	3600 4000	Usd. 720,000	Usd.99000 Usd.70000
ANTWERP	Tons discharged Tons loaded Freight Stevedoring Port charges	5000 2400	Usd.720,000	Usd.80000 Usd.65000
HAMBURG	Tons discharged Tons loaded Freight Stevedoring Port charges	3600 2800	Usd.525,000	Usd.63000 Usd.40000
SUEZ (east bound)	Port dues Canal dues Agency fees			Usd. 67000 Usd. 222000 Usd. 5000
COLOMBO	Tons discharged Freight Stevedoring Port charges	3800	Usd.320,000	Usd.50000 Usd.40000
CHENNAI	Tons discharged Freight Stevedoring Port charges	2800	Usd.100,000	Usd.75000 Usd.50000

Notes –

The round voyage was completed in 130 days of which 80 days vessel was in port.

AWRP paid for Gulf of Aden transit USD. 16000

Depreciation for the vessel : USD. 365000 p.a.

Bunker details are as follows –

	Consumptions (MT/day)		Avg. price
	Steaming	In port	
LSFO	25	5	USD. 600
DO	0.5	2	USD. 900

Standing charges of the vessel is USD. 6000 per day. Prepare voyage accounts showing G.O.P and N.O.P per day.

-End-

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2020

**Associateship / Post Graduate Diploma in Shipping Management &
Logistics – First year**

PART – II SHIPPING FINANCE

08.03.2020

Total - 25 Marks

**Time: Part-I (Shipping Economics) & Part-II (Shipping Finance) to be
completed in total allotted time of 3 hours**

Question No. 1 is compulsory

Answer any 3 other questions from Section A

Answer any 1 question from Section B

Section A

1. Describe Equity as a source of financing ship acquisitions and highlight various ways of raising equity finance.

5 Marks
2. State whether the following statement is "True" or "False":
 - a) Working capital finance is a short term credit granted by banks.
 - b) Indian shipping companies cannot tap international markets for syndicated loans.
 - c) To diversify risks, banks form a consortium to finance the borrowers.
 - d) In case of initial public offering, a merchant banker assists companies to raise funds through capital markets.
 - e) A forward exchange contract is a non-fund based finance offered by a banker.

5 Marks
3. (i) How will you differentiate the current account and capital account transactions?
(ii) Explain what are the different types of rates quoted in forex transactions?

5 Marks
4. Discuss the role of IMF, IBRD and EXIM Bank of India.

5 Marks
5. Explain the importance and functioning of "Bank for International Settlement" (BIS).

5 Marks

PTO

Section B

6. State True or False for the following statements:

- i. SDR is a term associated with the IMF.
- ii. IMF is also known as the "World Bank".
- iii. BIS accepts deposits from Central Banks of various countries.
- iv. FEMA is a civil law
- v. FEMA replaced FERA.

5 Marks

7. Explain investment appraisal in shipping at national level and at enterprise level.

5 Marks

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2020

Associateship / Post Graduate Diploma in Shipping Management – First year

ECONOMICS OF SEA TRANSPORT

Date: 08.03.2020

Time: 3 Hours.

(100 Marks)

NOTE: **Q.10** is compulsory which carry 20 marks.
Answer any 8 Questions from the rest, each carry 10 marks.
Please read the questions carefully before answering.
Answer to be brief and to the point.

- Q1) Write short notes on –
a) Cabotage
b) Worldscale
- Q2) Discuss “Fuel Economy and Bunker Management” with a mention about IMO’s global fuel Sulphur cap enforced from 1st January 2020.
- Q3) Examine the factors that influence the demand for shipping tonnage and explain why demand for shipping services is considered to be a derived demand.
- Q4) Ship sizes vary for different ship types explain why bigger may not always be better despite the conventions of economies of scales theory?
- Q5) Differentiate-
a) FOB and CIF
b) Protected trade and Free trade
- Q6) What are business cycles in Shipping and how does freight charges respond in each of the stages of shipping cycle.
- Q7) Enlist various costs in shipping and how are these costs borne between charterers and shipowners in different types of charter.
- Q8) List down two major economic problems in Shipping and provide your suggestions to overcome these problems.
- Q9) Explain the concept of ‘opportunity costs’ as it applies to the shipping industry.
- Q10) A ship performed a Voyage from Khor Al Amaya terminal (Loadport) to Rotterdam (Disport). Vessel loaded B/L quantity 90000 MTS of crude oil. Vessel is fixed for a freight of USD. 22/- PMT. Final disbursements at Load and disport appended below-

All amount in USD.

Sr.No.	Particulars	Khor Al Amaya	Rotterdam
1.	Port Charges	60000	50000
2.	Light house dues	10000	2000
3.	Agency fees	5000	2500

Please turn over..

Bunker details as follows -

On commencement of voyage:	VLSFO- 900 MT	MDO- 250 MT
On completion of voyage:	VLSFO- 300 MT	MDO- 100 MT
Bunkers lifted at Suez:	VLSFO- 550 MT	MDO- 0

Average bunker price on board on commencement of voyage was VLSFO : USD. 600 PMT
and MDO : 650 PMT

Bunker Prices for bunkers lifted at Suez HO: USD. 560 PMT

Prior heading to Rotterdam - Vessel lifted MGO of 450 MTs at Strait of Gibraltar @ USD.
700 per tonne and used 340 MTs of MGO for transiting in Europe and discharge at
Rotterdam.

(apply FIFO methodology)

Voyage days

Port stay - 2 days at Khor Al Amaya and 2 days at Rotterdam

Steaming days - 26 days

Anchorage stay for lifting bunkers - 1 day at Suez and half day at Gibraltar

Suez canal charges of USD. 300000/- lumpsum for west bound transit.

Address Commission 2.5 %; Standing charges USD. 8000 per day. Prepare Voyage
Accounts and calculate GOP /day and NOP/day.

-end-

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2020

Associateship / Post Graduate Diploma in Shipping Management – First year (Old Syllabus)

Associateship / Post Graduate Diploma in Shipping Management & Logistics – First year
(New Syllabus)

Subject - Geography of Sea Transport

14.03.2020

Total - 100 Marks

Time: 3 Hours

(Theory and Map work answers to be brief and to the point)

Students enrolled before April 2019 to answer Section A & Section C

Students enrolled after April 2019 to answer Section A & Section B

Questions No.1 and No.2 in "Section A" are compulsory.

Answer any 2 other questions from the balance 3 in Section A

Answer any 1 question from Section B

Answer any 1 question from Section C

Section A

01. On the outline of 'Map A', mark & name the following : **20 Marks**
- a) Three shipping canals - with seas & ports on either sides. **-- 6**
 - b) Five currents with direction of flow & whether warm/cold. **-- 5**
 - c) Singapore strait, Cape Horn, Baltic Sea, Japan Sea. **-- 4**
 - d) Show a VLCC route from Persian Gulf to New York. **-- 5**
02. On the outline of 'Map A', mark & name the following : **20 Marks**
- a) Time zones of four different countries. **-- 4**
 - b) Mediterranean sea, North sea, Black sea, Red sea & Gulf of Mexico. **-- 5**
 - c) Any Four Bunkering ports. **-- 4**
 - d) Ports - Le Harve, Hamburg, Houston, New York & Antwerp. **-- 5**
 - e) Two Coal producing & exporting countries. **-- 2**

PTO

Section A (Cont'd..)

03. a) Which vessels have Lumber Loadlines and Why? **20 Marks**
b) Draw and describe the Lumber Loadlines.
c) What is Fresh water allowance?
04. a) What do you understand by 'Day Light saving time'? **20 Marks**
b) Describe 'International Date Line' and state why it is not a straight line.
05. Write short notes on the following (Attempt any four) **20 Marks**
a) NAFTA b) OPEC c) OAU d) SAARC e) ASEAN

Section B

06. On the outline of the India map, mark and name the Inland **20 Marks**
Waterways. Enumerate the difficulties experienced in developing them.
07. a) Describe the 'SAGARMALA project' with the help of India map.
a) Mark & name any 3 ports in the states - Tamilnadu and W. Bengal **20 Marks**

Section C

08. Discuss: In spite of India having a long coastline, the fishing **20 Marks**
industry and marine food exports are limited.
What initiatives the Govt. has taken in this regards?
09. Explain the importance of Canals in ocean transportation. **20 Marks**
Draw and describe "Panama Canal".

NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI

EXAMINATION PAPER - MARCH 2020

Associateship / Post Graduate Diploma in Shipping Management – First year (Old Syllabus)

Associateship / Post Graduate Diploma in Shipping Management & Logistics – First year
(New Syllabus)

CURRENT SHIPPING ENVIRONMENT

TOTAL MARKS: 100

TIME: 3 HOURS

15th MARCH 2020

(Theory answers to be brief and to the point)

Students enrolled before April 2019 to answer Section A & Section C

Students enrolled after April 2019 to answer Section A & Section B

Question No.1 is compulsory

Answer any 3 other questions from Section A

Answer any 1 question from Section B

Answer any 1 question from Section C

All questions carry 20 marks each.

Q – 1. Write short notes on any four of the following:

- a. BIMCO
- b. Pipeline transport advantages and disadvantages
- c. Mercantile Marine Department MMD
- d. Classification Society and IACS
- e. Offshore Support Vessel
- f. Indian National Ship Owner's Association

20 Marks

Section A

Q – 2. Discuss briefly the role of IMO and its slogan "safe, secure and efficient shipping on clean oceans" and how IMO achieves it.

20 Marks

Q – 3. Explain Ship's Registry and Flag state. Explain in detail FSC's functions, responsibilities and its importance.

20 Marks

Q – 4. Explain Ship Management concept. Explain in detail importance of ship manning. What is Safe Manning Certificate and who issues it. Also write factors which will be taken in consideration while arriving at a manning cost.

20 Marks

PTO

Q – 5. Which are Major ports in India (Govt. controlled) and how they are developed. What is criteria to call port as major port and explain their functioning and difficulties faced.

20 Marks

Section B

Q – 6. Discuss various technological developments in shipping.

20 Marks

Q – 7. What is Piracy? Discuss past and present Piracy scenario and its effect on shipping and role of IMB. Also discuss what precautions ship will have to take prior entering High Risk Area.

20 Marks

Section C

Q – 8. How is a coastal state affected by a ship wrecks? Explain Nairobi Convention and how it will give comfort to coastal state?

20 Marks

Q – 9. Explain in detail Joint Ventures, Consortia and Conferences.

20 Marks
