

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – June/July 2025

ASSOCIATESHIP/DIPLOMA IN SHIPPING MANAGEMENT & LOGISTICS

Subject – Geography of Sea Transport

02.07.2025

Total 80 Marks

Time: 3 Hours.

Instruction:

- **Questions No. 1 and 2 are compulsory**
- **Answer any other THREE questions out of balance 5 (from question 3 to question 7). (Total five questions have to be attempted – any additional questions attempted will not be considered)**
- **All questions carry equal marks (16 marks each)**

Q. 1 On the outline of world Map, mark & name the following: (16 marks)

- a) Arabian sea, Gulf of Mexico, Yellow sea & North sea.
- b) Time zones of 4 countries in America region.
- c) Four currents with direction of flow & whether warm/cold.
- d) Route of a suezmax ship from Gibraltar to Dubai.

Q. 2 On the outline of world Map, mark & name the following: (16 marks)

- a) Two shipping canals with seas & ports on either side.
- b) Ports – Port Sudan, Melbourne, Ho chi Minh and Algiers.
- c) Torres strait, Bosphorus strait, Palk strait & Gibraltar strait.
- d) Any two fertilisers importing countries.

Q.3 a) Give the full form of the following (1/2 mark each – total 6 marks)

- | | | | |
|------------|---------|------------|-----------|
| i) FTA | ii) MTD | iii) NaCSA | iv) WNA |
| v) LSFO | vi) CIS | vii) STS | viii) UTC |
| ix) RO-PAX | x) LPG | xi) EAEC | xii) DWA |

b) Write short notes on any TWO of the following (10 marks)

- i) Common derivatives of crude oil
- ii) Beaufort scale
- iii) Draw a typical loadline marking.

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- Q.4 i) What is the rationale behind the international date time? **(16 marks)**
Why is it not a straight line like any other longitude?
ii) Why is it important to know the accurate time of another country?
- Q.5 a) Draw & describe the 'SAGARMALA project' with the help of India map.
b) Mark & name 3 ports each in the states of - Maharashtra, Tamil Nadu & W. Bengal. **(16 marks)**
- Q.6 i) What is the effect of globalization on the fishing industry? **(16 marks)**
ii) Discuss the current government policy pertaining to the fishing in India.
- Q.7 Discuss on any four of the following Trading blocks **(16 marks)**
a) EFTA b) COMMON MARKET c) OECD d) CIS e) EU

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Examination Paper – June/July 2025

ASSOCIATESHIP/DIPLOMA IN SHIPPING MANAGEMENT & LOGISTICS

Subject - Current Shipping Environment & Logistics

01.07.2025

Total 80 Marks

Time: 3 Hours.

Instruction:

- Question No. 1 is compulsory
- Answer any other **FOUR** questions. (Total five questions have to be attempted – any additional questions attempted will not be considered)
- All question carries equal marks (16 marks each)

Q. 1 a) Describe the organizational setup of IMO with its organogram. (16 marks)
b) State the importance & functions of IMO in shipping.

Q. 2 Answer in brief any 4 from following: (16 marks)

1. ITF	4. ICHCA
2. IACS	5. AISC
3. AMTOI	

Q.3 a) Give the full form of the following ($\frac{1}{2}$ marks each - Total 6 marks)

i) OCIMF	ii) ISPS	iii) CEZ	iv) IMCA
v) OPA 90	vi) VPQ	vii) SMS	viii) BIMCO
ix) OPEC	x) MEPC	xi) TMSA	xii) IPRCL

b) Write short notes on any TWO of the following w,r,t ISM Code

i) DPA

ii) D.O.C.

iii) Planned maintenance schedule

(10 marks)

PTO

- Q.4 A i) Describe the organizational structure of the Indian Maritime Administration. **(16 marks)**
ii) What are the functions of the Indian Maritime Administration?

OR

- B i) Discuss the functions of MMD and the Shipping Master. **(16 marks)**
ii) Draw Organogram of Indian Maritime administration

- Q.5 a) Discuss the basic principles of Logistics in shipping. **(16 marks)**
b) Explain: - i) Transportation ii) Warehousing
iii) EDI and how it works iv) 3PL & 4PL

- Q.6 a) Describe the journey and growth of Containerization in India. **(16 marks)**
b) Explain the following terms:
i) Hub & spoke services in CONCOR ii) CFS
iii) CY iv) CWC

- Q.7 a) Explain in detail, the process of ship vetting. **(16 marks)**
b) Describe any two of the following terms used in ship vetting:
i) SIRE
ii) CARP
iii) OCIMF

NAROTTAM MORARJEE INSTITUTE OF SHIPPING, MUMBAI
Examination Paper – June/July 2025
ASSOCIATESHIP/DIPLOMA IN SHIPPING MANAGEMENT & LOGISTICS

Subject – Shipping Economics & Finance

30.06.2025

Total 80 Marks

Time: 3 Hours.

SHIPPING ECONOMICS

Instruction:

- **Question No. 1 is compulsory**
- **Answer any other FOUR questions. (Total five questions have to be attempted – any additional questions attempted will not be considered)**
- **All question carries equal marks (12 marks each)**

Q. 1) 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 Sachi**” sailed from New castle.

<u>New Castle</u> - Tons loaded 5000 MT Port cost USD. 35000 Stevedoring USD. 25000 Agency fees USD. 5000 <u>Singapore</u> - Tons loaded 10000 MT Port cost USD.42000 Stevedoring USD. 42000 Agency fees USD. 1500 <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 <u>Rabiq</u> - Tons loaded 6000MT Port cost USD.23000 Stevedoring USD. 26000	<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 <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 <u>Gibraltar</u> - Tons discharged 5000 MT Port cost USD. 53000 Stevedoring USD. 15000 Agency fees USD. 5000 Freight earned USD. 250000 <u>Malta</u> - Tons discharged 7000 MT Port cost USD.38000	<u>Port Said</u> - Tons discharged 3000 MT Port cost USD.26500 Stevedoring USD. 16000 Freight earned USD. 200000 <u>Salalah</u> - Tons discharged 6000 MT Port cost USD.28000 Stevedoring USD. 25000 Freight earned USD. 200000 <u>New Castle</u> - Tons discharged 5000 MT Port cost USD.32000 Stevedoring USD. 32000 Freight earned USD. 100000
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	Stevedoring USD. 25000 Freight earned USD. 250000	
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Q. 2) What are incoterms, explain? Answer in brief any three from following: (4 marks each)

- | | |
|-------------|--------|
| 1) Ex-Works | 2) CIF |
| 3) FOB | 4) DDP |

Q3) Draw a typical shipping cycle, explain its various sections? Draw the Break-even point and explain?

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

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

06) Describe the difference between voyage and vessel related costs?

07) Write short note on any three of the following (4 marks each) –

- | | |
|------------------------|------------|
| 1) Notice of Readiness | 2) Laycan |
| 3) Lumpsum freight | 4) Laytime |

Instruction:

- **Question No. 1 is compulsory**
- **Answer any other FOUR questions. (Total five questions have to be attempted – any additional questions attempted will not be considered)**
- **All question carries equal marks (4 marks each)**
- **Total 20 Marks**

SHIPPING FINANCE

Q1) Explain the various methods of debt financing in shipping?

Q2) Explain Payback period, Accounting rate of return, Net present value?

Q3) Write notes on: IMF?

Q4) Explain Technical Feasibility in investment appraisal?

05) What is a SEZ and the main objectives of the SEZ are?

06) Explain in brief direct, indirect and cross rates?

07) What is bill of lading, its importance and what is mentioned on the bill of lading?

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Examination Paper – June/July 2025

ASSOCIATESHIP/DIPLOMA IN SHIPPING MANAGEMENT & LOGISTICS

Subject – Commercial & Shipping Law

29.06.2025

Total 80 Marks

Time: 3 Hours.

Instruction:

- **Question No. 1 is compulsory**
- **Answer any other FOUR questions. (Total five questions have to be attempted – any additional questions attempted will not be considered)**
- **All question carries equal marks (16 marks each)**

Q.1 “When a person signifies to another his willingness to do anything with a view to obtaining the assent of that other to such act, he is said to have made a proposal”. Explain the essentials of a valid proposal. (16 Marks)

Q. 2 Answer in brief any 4 from following: (16 marks)

1. What are the essentials of a Valid Contract?
2. All contracts are agreements but all agreements are not contracts. Explain in brief.
3. Consideration need not be adequate. Explain.
4. What are the aims of Inland Vessels Act?
5. What is a suit for Quantum Meruit?

Q.3 a) Fill in the blanks (6 marks)

- i. Bailment is the deliver of goods from one person to another for some _____.
- ii. Coercion is committing or threatening to commit any act forbidden by _____.
- iii. _____ is a remuneration payable for carriage of goods in a ship.
- iv. Certificate of Survey should be renewed after ____ years.
- v. Contract of _____ is a contract to discharge the liability of a third party.
- vi. The term _____ in context of a contract means impossibility of performance.

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b) Write short notes on any TWO of the following. (10 marks)

1. Remedies for Breach of Contract
2. Duties of Port Officer
3. Pro Rata Freight and Back Freight

Q.4 a. Define Agency. Explain the rights and duties of the Agent

Or

b. What is a Pledge? Explain the rights and duties of the Bailor.

(16 marks)

Q.5 What is Maritime Lien? What are the claims that give rise to Maritime Lien?

(16 marks)

Q.6 Distinguish between Sale and Agreement to sell.

(16 marks)

Q.7 Explain the case Krell Vs Henry and what provisions of law did it lead to.

(16 marks)

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Examination Paper – June/July 2025

ASSOCIATESHIP/DIPLOMA IN SHIPPING MANAGEMENT & LOGISTICS

Subject – Shipping Practice

28.06.2025

Total 80 Marks

Time: 3 Hours.

Instructions:

- Question No. 1 is compulsory
- Answer any other FOUR questions. (Total five questions have to be attempted – any additional questions attempted will not be considered)
- All question carries equal marks (16 marks each)

Q.1 This question is compulsory – What are the 2 types of non-demise charters? Give brief details on each, elaborating who bears what expenses in each of these charters. (16 marks)

Q.2 Answer in Brief any 4 from the following : (16 marks)

- a) Notice of Readiness b) Statement of facts c) Proforma Invoice d) Shipping Bill
e) Letter of Protest.

Q.3 A) Give the full form of the following (6 marks)

- i) LCL ii) FCL iii) MTO iv) CFS v) BIMCO vi) IMO
vii) ETA viii) MTY ix) VTMS x) VLCC xi) WTO xii) TEU

B) Write short notes on **any TWO** of the following (10 marks)

- 1) Detail out the need of “VTMS” Vessel Traffic Management System. List down at least 3 main features of a VTMS.
- 2) Explain INCOTERMS and list down FIVE INCOTERMS used in international trade.
- 3) Explain the term “SHIPPED on BOARD” Bill of Lading, List down five items mentioned on the Bill of Lading explaining the significance of it.

Q.4 Answer A) or B) (16 marks)

A) What is shipbroker? Explain principal function of shipbroker and briefly explain different categories of shipbrokers

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B) Give reasons as to why do Shipowners enter their vessels with a classification society? What are other services offered by classification societies? What is dual classification

Q.5 List out the advantages and disadvantages of Containerization for ship operators /port operators and for ship users (Shipper's and consignees). **(16 marks)**

Q.6 Who is a freight forwarder? Explain in detail what does freight forwarder's role include and what kind of document can the freight forwarder issue. **(16 marks)**

Q.7 Explain the Procedure on Arrival and Departure of ship and the mandatory papers the ship must carry. **(16 marks)**
