

Question No. 1 is compulsory. Answer any 4 other questions. All questions carry equal marks.

- What are the
- 1 various services available at the Ports. Explain any 3 of them in detail. 20
  - 2 Define Contract. Discuss the case law Taylor Vs Caldwell and summarize the learnings that became precedents from the case. 20
  - 3 Define Guarantee. At what stage of the contract of Guarantee does the Contract of indemnity activate. Explain in detail. 20
  - 4 Discuss the various types of agencies in Shipping Industry in detail. 20
  - 5 Who is an Unpaid seller? Explain the concept of Lien on goods for unpaid freight and other charges. 20
  - 6 Explain in detail some important Rules of Indian Port regarding Health and Health regulations. Discuss if any special provisions were implemented during the Covid Pandemic. 20
  - 7 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? 20
  - 8 What was the purpose of enacting the FAL convention? Where and what does it apply to? 20
  - 9 What is Tort? Explain the various types of Torts. 20



Nov. 2021

# Shipping Economics - First year

NIMIP

**ALL QUESTIONS ARE COMPULSORY.**

**Each question carries 15 marks.**

- ① "Shipbreaking is an activity that has largely surged in some developing countries". Explain this statement with respect to global recycling activities. (15)

- ② Write Short Notes (any three)-  
 a) Inland waterways for cargoes  
 b) Shipbuilding in India  
 Ship Lay-up  
 Disbursement accounts

a)

c)

d)

- ③ a) Within the drybulk market explain major bulk cargoes and factors that affect their ocean transportation  
 b) How does merchant shipping contribution to Indian Economy. (15)

- ④ Answer briefly (any three) -  
 a) Worldscale  
 Cost control in shipping  
 Reasons for Laying up a ship  
 Differentiate Time charter and Bare Boat charter

a)

b)

c)

d)

- ⑤ Consolidated disbursements of MV REBECCA CORAL after completion of a voyage are as under:

All amount in USD.

Freight collected	1.7 million
Port Charges	120,000
Canal Dues	175,000
Agency Dues	26,000
Stevedoring	40,000
Dunnage	8,000
Depreciation (for the voyage)	75,000
Additional War Risk Insurance Premium	10,000

Voyage days - Port Stay - 15 days; Steaming time - 30 days

BUNKERS : On commencement of voyage: HO - 1400 MT MDO- 90 MT

BUNKERS : On completion of voyage: HO - 500 MT MDO- 40 MT

Bunkers lifted during voyage : HO - 1100 MT MDO- 80 MT

Average bunker prices HO 500 PMT, MDO : 620 PMT

Address Commission 3.75 %; Standing charges USD. 8000 per day. Prepare Voyage Accounts and calculate GOP /day and NOP/day. (15)



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

- ① What are the factors that a shipping company will take into consideration before deciding upon an investment? 5 marks
- ② Explain Balance of Trade and Balance of Payments 5 marks
- ③ What is a Letter of Credit? Explain why it is issued. 5 marks
- ④ Write short notes on any two : 5 marks
- a) Global Depository Receipt
  - b) Forex and its purpose
  - c) Equity finance
- ⑤ Discuss the sources of finance available to a shipping company 5 marks
- ⑥ Discuss the steps to be taken in acquiring a new ship from a shipyard. 5 marks
- ⑦ Discuss the role of Asian Development Bank. 5 marks



EST+ NOV-2021 - NMIS.

**NMIS/ JMEI  
MUMBAI**

Examination Paper – October 2021

Fellowship / Post Graduate Diploma in Shipping Management – First year

**ECONOMICS OF SEA TRANSPORT**

Date:

(100 Marks)

No. of pages: 2

**NOTE:**

**ALL QUESTIONS ARE COMPULSORY**

Read the questions carefully before answering.

Each question carry 20 marks

Answer to be brief and to the point.

- Q1) a) Classify costs in shipping transportation and elaborate on the different cost structure of liner and tramp services.
- b) Discuss briefly the role of merchant marine in India's economy.
- Q2) a) The theory of "Economies of Scale" is widely applied in the shipping industry. Explain the principles of the theory. Also list down limitations of this theory.
- b) What do you mean by disbursement accounts? Draw up a format of proforma disbursement accounts?
- Q3) Answer briefly -
- a) Write a note on Fuel economy and bunker management.
- b) What are the factors that can boost demand for shipping.
- Q4) a) "The shipping market is cyclical in nature". Explain this statement in relation to different business cycles of shipping markets.
- b) Write short notes:-
- i) Ship Lay up
- ii) Ship Recycling Act
- Q5) a) State whether following statements are true or false -
- i) Under time charter, all voyage related costs are borne by charterer.
- ii) Increase in ton mile boosts shipping demand.
- iii) Under voyage charter, manning expenses are borne by the charterer.
- iv) Incoterms also covers ownership or the transfer of title of goods
- v) Under DDP term, import duties are paid by the seller.

(5 marks)



b) A ship performed a Voyage from HayPoint (Loadport) to Vishakhapatnam (Disport). Vessel loaded B/L quantity 83221 MTS of coal. Vessel is fixed for a freight of USD. 17/- PMT. Final disbursements at Load and disport appended below-

Sr.No.	Particulars	All amount in USD.	
		Haypoint	Visakhapatnam
1.	Port Charges	65000	54000
2.	Stevedoring	26000	18000
3.	Light house dues	6000	2500
4.	Agency fees	4500	2750
5.	Wharfage	9600	1500

Anchorage dues paid at Singapore (bunkering port) USD. 18000.

Bunker details as follows -

On commencement of voyage:	VLSFO-500 MT	MGO- 250 MT
On completion of voyage:	VLSFO-400 MT	MGO- 110 MT
Bunkers lifted at Singapore:	VLSFO-750 MT	MGO- 0

Average bunker price on board on commencement of voyage was VLSFO : USD. 470 PMT and MGO : 540 PMT .

Bunker Prices for bunkers lifted at Singapore HO: USD. 590 PMT

(apply FIFO methodology)

Voyage days

Port stay - 3 days at HayPoint and 5 days at Visakhapatnam

Steaming days - 20 days

Anchorage stay for lifting bunkers - 1 day

Address Commission 2.5 %; Standing charges USD. 6000 per day. Prepare Voyage Accounts and calculate GOP /day and NOP/day.

(15 marks)

-end-



SNO QFLAG

QTEXT

AIIICHLITOPIC

SUBTOPIC REMARK

**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**

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

- Any Five Bunkering ports.
- Ports - Chennai, Laem Chabang, Manila, Houston & Inchon.
- North Sea, English channel, Java sea & Strait of Hormuz.
- Time zones of four different countries.
- Two Crude Oil producing & exporting countries.

1 SUBJECTIVE

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

- Any three shipping canals - with seas & ports on either sides.
- Show VLCC route from Singapore to New York.
- Any Five currents with direction of flow & whether warm/cold.
- Gulfs of Suez, Bass strait, Aegean Sea & Gulf of Mexico.
- Draw Load-lines for the Port side of the ship.

2 SUBJECTIVE

Describe the significance of Load-lines.

What is Dock water allowance & displacement of a ship?

3 SUBJECTIVE

Describe 'International Date Line' and state why it is not a straight line?

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

4 SUBJECTIVE

Write short notes on the following

- ASEAN
- EU
- LAFTA
- SAARC

5 SUBJECTIVE

On the outline of the India map, mark and name the Inland Waterways. Describe the initiatives of Govt. in developing them.

6 SUBJECTIVE

Marks  
for this  
question  
is 20

Geogra  
phy Of  
Sea  
Transp  
ort

Section  
A

20  
6  
5  
5  
4

20 Marks

20 Marks

20 Marks

Geograph  
y Of Sea  
Transport

Section B

20 Marks



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

7 SUBJECTIVE

20 Marks

Discuss the factor's required to develop fishing industry in India.

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

Explain the importance of Canals in ocean transportation.

Draw and describe "Panama Canal".

8 SUBJECTIVE

Geograph  
y Of Sea  
Transport Section C 20 Marks

9 SUBJECTIVE

20 Marks



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 questions from Section A

Answer any 1 question from Section B

Answer any 1 question from Section C

All questions carry 20 marks each.

Write answers in black ink so that uploaded scan is legible.

① Write short notes on any four of the following:

Suez canal 2021 and its effects on Global Supply chain importance in Pandemic situation

a) Blockage of b) WHO and PHO and their

c) Off shore supply vessels

20 marks

d) Central Warehousing Corporation

e) Ship

Building Industry in India

f) Pipe line as a

mode of transport

② Explain Ship Registry. Why many ship owners register their ships with different countries other than their own country. Discuss advantages and disadvantages.

20 marks

③ What is Port State Control (PSC)? Does PSC help to achieve IMO slogan. Justify your answer. What is MOU?

Section A  
20 marks

④ Explain Organogram and administrative frame work of Indian Maritime administration ( DGS) and its functions.

20 marks

⑤ What is Ship Vetting and why it was started ? Discuss advantages and disadvantages of Ship Vetting to Tanker Owners and charterers. Explain advantages of SIRE programme.

20 marks

⑥ Explain ship management concept. Explain in detail manning management of the ship?

20 marks

⑦ Discuss International Ship and Port Facility Security Code (ISPS code), Armed guards, CITADEL, Ship Security Alert System SSAS, and Port Facility Security Officer and his duties.

Section B  
20 marks

⑧ What is Contract Of Affreightment COA and Discuss it with one example. What are the advantages and disadvantages of such contract arrangements?

20 marks

⑨ What is ICD ? What all services given by ICD to its customers. Discuss in detail point by point.

Section C  
20 marks



# Narottam Morarjee Institute of Shipping

## Shipping Practice – NOVEMBER 2021

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

1. Explain TRAMP SHIPPING and its characteristic features. List five different types of cargo carried on TRAMP SHIPPING.
2. Explain the following in detail with regards to Bill of LADING.
  - a. SEAWAY BILL
  - b. AD VALOREM B/L
3. Explain the term "SHIPPED on BOARD" Bill of Lading, List down five items mentioned on the Bill of Lading.
4. Explain the following Shipping documents in detail.
  - a. SHIPPING BILL
  - b. BILL OF ENTRY
5. Explain the following Shipping documents in detail.
  - a. MATES RECEIPT
  - b. LETTER OF PROTEST
6. Explain the following Shipping documents in detail.
  - a. SHIPPERS DECLARATION in IMDG CODE
  - b. PORT CLEARANCE
7. Explain the basic of INCOTERM. Complete the GRID below by inserting the following Alphabets  
S = SELLER & B = BUYER in your answer sheet.

INCOTERM	EXW	CIF	FOB	DDP
Origin Port Charges				
Ocean Freight				
Destination Port Charges				
Import Duties & Taxes				

8. Explain "CLASSIFICATION SOCIETIES" and list three important functions of the Classification society.
9. List down the responsibilities of OWNER with respect to CARGO GEAR.
10. Explain the term "STOWAGE FACTOR". Explain the FIVE factors which influence STOWAGE FACTOR of Cargo.
11. Define "FLAG STATE". Detail the OBJECTIVES of the FLAG STATE INSPECTION.
12. List & Explain FIVE major elements which influence the fixing of a CHARTER RATES.
13. Explain STATUTORY CERTIFICATE. List TEN different STATUTORY CERTIFICATES which are used on board the ships for trading worldwide.
14. Define a SHIP AGENT and list the responsibilities of a Ship Agent.