

13-3-2022

NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI

EXAMINATION PAPER MARCH 2022

**ASSOCIATESHIP /POST GRADUATE DIPLOMA IN SHIPPING MANAGEMENT –
FIRST YEAR**

CURRENT SHIPPING ENVIRONMENT

TOTAL MARKS: 100

TIME: 3 HOURS

th MARCH 2022

(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 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.

SET I

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

- | | |
|---|-----------------------|
| a) Effect of COVID 19 Pandemic on world Supply chain. | b) INSA |
| c) Offshore supply vessel | d) BIMCO |
| e) BMP 5 | f) Shipping Transport |

Section A

Q – 2. Discuss in detail the differences and similarities between PSC and vetting inspections.

Q – 3. What is Ship Management concept and explain in detail manning management. How ship owner decides the appointment of ship manning Manager? Also explain which all factors affect the manning cost.

Q – 4. Explain in detail FOC or open registry. Why many ship owners are attracted to such registry. Explain its advantages and disadvantages.

Q – 5. Explain how ISPS code and BMP 5 helps shipping to safeguard from Piracy. Explains terms CITADEL, SSAS, SSO and armed guards.

Section B

Q – 6. Explain with Organogramme structure of International Maritime Organisation and its functions. How IMO achieves its Objectives and slogan.

Q – 7. Write a general note on ship repairs, ship recycling, ship building facilities in India.

Section C

Q – 8. What is Consortia and Discuss it with one example. What are advantages and disadvantages of such contract arrangements?

Q – 9. What is ICD ? Discuss how ICD effectively helps the containerization for efficiency.

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NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI

EXAMINATION PAPER MARCH 2022

**ASSOCIATESHIP /POST GRADUATE DIPLOMA IN SHIPPING MANAGEMENT –
FIRST YEAR**

SHIPPING PRACTICE

TOTAL MARKS: 100

TIME: 3 HOURS

th MARCH 2022

(Theory answers to be brief and to the point)

Answer any 10 questions from following.

All questions carry equal marks.

Write answers in black ink so that scan can be legible.

SET I

Q – 1. With a sketch explain what is Draught (draft), Freeboard, UKC, Air draft, LOA, breadth, depth of the ship.

Q – 2. What different types of anchorages are available in port? Why ship anchors and wait outside the port.

Q – 3. Explain in detail what is Statutory Certificate. (necessity to carry, issuing authority, validity etc.) List 10 statutory certificates which ships must carry.

Q – 4. 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

Q – 5. Explain in detail “Bill of Lading” and list down at least 10 contents mentioned in the B/L.

Q – 6. Compare between Voyage Charter and Bare boat Charter and explain advantages and disadvantages of both. Also explain Tramp Shipping.

Q – 7. Explain the following (with its uses, purpose, importance etc.) terms “Light house” “Approach channel” “Turning Basin” and “Pilotage water”

Q – 8. Explain the term “STOWAGE FACTOR”. Explain five factors which influence STOWAGE FACTOR of Cargo. How stowage factor is useful for planning the stowage of the cargo. Explain with Example.

Q – 9. List down the responsibilities of OWNER with respect to CARGO GEAR

Q – 10. Write a detail note on any two of the following.

a) Custom House Agent (CHA) b) Port agent c) Freight Forwarder

Q – 11. Write a detail note on the following.

a) Packing List b) Certificate of Origin

Q – 12. Write a detail note on the following.

a) Notice Of Readiness (NOR) b) Mate’s Receipt

Q – 13. Write a detailed note on “Inward Clearance for the Ship” Including authorities / parties involved, Documents required to be submitted, Arrival Procedure etc.

Q – 14. What is Official log book ? Which all entries are required to be made in OLB ? How entries are made?

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2022

Fellowship / Post Graduate Diploma in Shipping Management – First year

SHIPPING ECONOMICS

(75 Marks)

Date:

No. of pages: 2

NOTE:

★ ALL QUESTIONS ARE COMPULSORY

Read the questions carefully before answering.
Each question carry 15 marks
Answer to be brief and to the point.

Q1) Write Short Notes (any three)

- Economies of scale in shipping
- Worldscale
- Disbursement Accounts
- Indian Recycling of ship Act, 2019

Q2) Answer in two or three sentences only (any five)

- What is the concept of ton-mile in Shipping?
- What do you mean by the concept of opportunity cost in economics?
- What is the Principle of law of demand?
- Define Protected trade
- What do you understand by ECA region?
- What do you mean by the term 'trade deficit'

Q3) a) The price of bunkers depend on many factors. Identify and explain these factors.

b) Discuss the cost structure of shipping with reference to Liner, Voyage charter, Time charter and Bare boat charter.

Q4) a) "The Shipping cycle is an economic concept that explains how shipping companies and freight charges respond to supply and demand" – Comment

b) "Laying up of a ship is a cost control mechanism" - Elucidate

Q5) A tanker ship performed a Voyage from Jebeldhana (Loadport) to Rotterdam (Disport). Vessel loaded B/L quantity 95000 MTS of crude oil. Vessel is fixed for a freight of USD. 20/- PMT. Final disbursements at Load and disport appended below-

All amount in USD.

Sr.No.	Particulars	Jebeldhana	Rotterdam
1.	Port Charges	50000	60000
2.	Light house dues	7000	2000
3.	Agency fees	3000	2500

Wharfage charges of USD. 20000 paid at Jebeldhana

Oil Pollution cess of USD. 15000 paid for the voyage

USD. 365000 p.a. depreciation applicable for the voyage

Bunker details as follows -

On commencement of voyage:	VLSFO- 700 MT	MDO- 200 MT
On completion of voyage:	VLSFO- 200 MT	MDO- 100 MT
Bunkers lifted at Suez:	VLSFO- 350 MT	MDO- 0

Average bunker price on board on commencement of voyage was VLSFO : USD. 400 PMT and MDO : 500 PMT .

Bunker Prices for bunkers lifted at Suez VLSFO: USD. 420 PMT

Prior heading to Rotterdam – Vessel lifted MGO of 450 MTs at Strait of Gibraltor @ USD. 600 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 Jebeldhana and 2 days at Rotterdam

Steaming days – 25 days

Anchorage stay for lifting bunkers – 1 day at Suez and half day at Gibraltor

Suez canal charges of USD. 320000/- lumpsum for west bound transit.

Address Commission 2.5 %; Standing charges USD. 7000 per day. Prepare Voyage Accounts and calculate GOP /day and NOP/day.

end

6-3-2022

Shipping Avenue - 1st yr - March 2022

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

What are the main factors that a company will consider before deciding upon an investment?

1 SUBJECTIVE

2 SUBJECTIVE What are Global Depository Receipts?

3 SUBJECTIVE Why is forex important for a country? Explain the role of regulators in forex.

Write short notes on any two :

a) Special features of international markets

b) Bretton Woods Conference

4 SUBJECTIVE c) Foreign Currency Convertible Bonds

5 SUBJECTIVE Discuss the role of Asian Development Bank.

6 SUBJECTIVE Write a note on sources of finance available to a shipping company.

7 SUBJECTIVE In ship acquisition what do you understand by a) Bill of Sale and b) Builders Certificate.

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NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI

Examination Paper - March 2022

Subject - Commercial and Shipping Law

0.03.2022

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. Define Offer as per the Indian Contract act. State the essential elements of an offer.

Q2. What is meant by Breach of a Contract? How is a contract discharged by breach?

Q3. Explain the Doctrine of Frustration. Quote examples and cases laws where required.

Q4. What are goods under the Sale of goods act 1930? Who is an unpaid seller? What are the rights of an unpaid seller?

Q5. What is the aim of Major Port Trusts Act 1963? Explain about the provisions of Constitution and Term of Board of Trustee.

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. Define freight and explain the different types of freights.. Explain when freight becomes payable and by who is it payable.

Q8. What is Tort? Explain the various types of Torts.

March 2002

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

Answer any 1 question from Section B

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

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

- Write short notes on the following

- On the outline of the Indian map, show any Four Inland Waterways.

List down the initiatives taken by the Govt. in developing them.

- a) Describe the 'SAGARMALA project' with the help of India map.
b) Mark & name any 2 ports in the states - Andhra Pradesh and Maharashtra.

Marks

for this

question

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20 Marks

20 Marks

20 Marks

20 Marks

20 Marks

- a) Describe the 'SAGARMALA project' with the help of India map.
b) Mark & name any 2 ports in the states - Andhra Pradesh and Maharashtra.

20 Marks

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c

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r Section C 20 Marks

Describe the origin & classification of petroleum crude oil.

Name any five petroleum products.

Draw & describe "Suez Canal".

Discuss it's importance in shipping.

20 Marks

6-3-2022

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**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March ~~2017~~ 2022 (MMIS)

Associateship / Post Graduate Diploma in Shipping management – First year

ECONOMICS OF SEA TRANSPORT

Date: 10.03.2017

Total :100 Marks

Time: 3 Hours.

NOTE: Question no. 7 is compulsory. Answer any four from the rest. All questions carry 20 marks.

- Q1) What are the different types of charter, explain each in detail. Also examine the cost structures for different types of charter and comment on those costs that management can control.
- Q2) Write short notes –
- a) Cabotage.
 - b) Economies of manning.
 - c) Maritime piracy.
 - d) Elements of a port tariff.
- Q3) a) Does tonne mile boost shipping demand? Discuss.
- b) Price of bunkers depends on many factors, identify and explain these factors.
- Q4) Answer briefly –
- a) What are disbursement accounts? Draw up a format for PDA.
 - b) Explain the different stages of shipping market cycle.
 - c) Enlist the problems faced by coastal shipping in India.
 - d) What is Worldscale. Highlight its usefulness in tanker trade.
- Q5) Differentiate –
- a) Free trade and protected trade
 - b) Liner trade and Tramp trade.
 - c) Comparative advantage theory and absolute advantage theory.
 - d) FOB and CIF.
- Q6) a) "Demand – supply imbalance has caused recessionary phase in dry cargo market." Elaborate.
- b) What is opportunity cost? How does it apply to shipping?

- Q7) MV Athena, Liberian flag bulk carrier after discharging at Bin Qasim (Pakistan) loaded 70000 MTS of iron ore from Goa for discharge at Chiba.

Voyage details are as follows-

Ballast Steaming time from Bin Qasim to Goa is 3 days, vessel stayed at Goa for loading for 3 days, Laden Steaming time from Goa to Chiba 16 days, vessel stayed at Chiba for 4 days for discharge. Enroute from Goa to Chiba vessel called Singapore for 12 hours for bunkering.

Port charges at Goa USD. 35000, Port charges at Chiba 50000, anchorage charges at Singapore USD. 5000, Stevedoring costs at loadport and disport is USD. 46000, total agency fees is USD 15000.

Freight rate is USD. 12 per metric tonne.

Address commission applicable is 2.5% and brokerage is 1.25%.

On commencement of voyage bunkers on board was HO – 700 MTs and MDO – 70 MTs, on completion of voyage bunkers on board is HO – 750 MTs and MDO – 58MTs. Bunkers lifted at Singapore was HO – 500 MTs. Applicable bunker rate is HO – 300 pmt and MDO – 460 pmt.

Standing charges per day is USD. 6000.

Per annum depreciation cost for the vessel is USD. 130000.

Prepare voyage accounts and calculate GOP / day and NOP/ day.

End