

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2016

Associateship/Post Graduate Diploma in Shipping Management – First Year

GEOGRAPHY OF SEA TRANSPORT

11.03.2016

Total 100 Marks

Time: 3 Hours.

NOTE: Questions 1 & 2 carry 20 marks each and are compulsory. Rest questions carry 15 marks each and answer any FOUR.

1. On the outline map 'A' marks & name the following :
 - (a) Two Permanent 'Tropical Zones' (Load Lines) 2
 - (b) Malacca Strait/Java Sea/Yellow Sea/Japan Sea. 4
 - (c) Two Tea producing/Export Area with names of Export Port. 4
 - (d) VLCC Route from Crude Oil Export region to CHIBA (Japan). 2
 - (e) Three bunkering ports. 3
 - (f) Local Time in five different countries in reference to 12:00 Hrs. UTC (GMT) 5

2. On the outline map 'B', mark & name the following :
 - (a) Gulf Stream/ Canaries Current/ Labrador Current/Mozambique current/
East Australian current - All with direction of flow & whether cold or warm. 5
 - (b) Three Iron-Ore export areas. 3
 - (c) Two Bauxite Producing & Export Areas. 2
 - (d) Two important shipping canals with names of ports on each end &
Name the seas these join. 6
 - (e) Capt-size Bulk Carrier route Brazil/S.Korea with names of ports each end. 4

3. Differentiate between :
 - (a) Entre port & Bunkering port. 3
 - (b) Grounding & Beaching. 3
 - (c) TEU & FEU (in reference to container trade) 3
 - (d) Free Trade Zone and Free Port. 3
 - (e) Ocean Current & Tide. 3

4. Write a brief note on each of following :
 - (a) Suez canal has its own problems inspite of benefits. 5
 - (b) St. Lawrence Sea-way & its importance to shipping. 5
 - (c) Panama Canal has limitations; Why? 5

5. What do you understand from:
- (a) Seasonal Tropical Zone. 5
 - (b) Timber carrier have additional load lines; Why? 5
 - (c) Fresh Water Allowance & Brackish Water. 5
6. (a) What are advantages & disadvantages of Ocean currents towards Shipping & Commerce? 7
- (b) India's inland waterways are not sufficiently developed; Reasons? 8
7. (a) What are fishing Zones? 5
- (b) Fishing Industry needs lot of improvement in India. Your inputs? 5
- (c) 'Indian Sea foods' faces problems of acceptance/approval in USA/UK/ Europe/Japan. Why? 5



Roll No. _____



Roll No. _____



MAP ' B ' _____



**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
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Examination Paper – March 2016

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COMMERCIAL & SHIPPING LAW

05.03.2016

Total 100 Marks

Time: 3 Hours.

Note : Question No. 1 is compulsory and carries 20 marks. Answer any other FIVE questions from the rest which carry 16 marks each.

- Q.1 With respect to The Indian Carriage of Goods By Sea Act, 1925, state "True" or "False" for the following statements.:
- (a) The Act also applies to deck cargo and live animals.
 - (b) Charter Parties are outside the scope of this Act.
 - (c) It is essential that the port of loading must be in India.
 - (d) The maximum loss payable by the carrier per package/unit is 835 SDRs.
 - (e) "Carriage of goods" covers the period when the goods are received by the agent of the carrier.
- Q.2 (a) "Enumerate the different kinds of agreements and explain a "valid" agreement.
(b) What is "misrepresentation"?
- Q.3 (a) What is tort and explain the different types of torts.
(b) Discuss "Himalaya Clause" and explain its background.
- Q.4 (a) What are the duties of a Deputy Conservator under "The Indian Ports Act 1908".
(b) Write a note on "uncleared cargoes" under the Major Port Trusts Act 1963.
- Q.5 (a) What is "international arbitration"?
(b) Discuss the "enforcement of arbitral awards".
- Q.6 What do you understand by "Maritime Declaration of Health? Bring out the importance of Indian Port Health Rules.
- Q.7 Discuss Maritime Lien and explain "bottomry" bond.
- Q.8 What are "Light Dues"? Explain the importance of the Indian Lighthouse Act 1927 and explain the basis of collecting light dues.
- Q.9 Write short notes on ANY FOUR of the following:
- (a) Liabilities of a Bailee (b) Contract of guarantee (c) Back Freight (d) Free Pratique.
 - (e) Sub-agent (f) Indian Sale of Goods Act 1930

**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2016

Associateship/Post Graduate Diploma in Shipping Management – First Year

CURRENT SHIPPING ENVIRONMENT

13.03.2016

Total 100 Marks

Time: 3 Hours.

NOTE: ANSWER ANY FIVE QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS

1. What are facilities / infrastructure that port needs to offer to its users? Explain in detail.
2. The problem of Piracy is continuing to be a cause of concern to the International trade, particularly for India. Explain with reasons.
3. Write a short note on any three.
a) ITF b) INSA c) TRANSCHART d) ILO e) ICD
4. Explain Ship Management concept – manning, technical and commercial management
5. Explain importance of Shipping in Development of the country.
6. Write a note on Containerization in India, progress made and difficulties faced
7. Explain in detail Joint Ventures, Consortia and Conferences.
8. Explain Ships registry, Flag of Convenience and its (FOC's) advantages and disadvantages.

**Narottam Morarjee Institute of Shipping
Mumbai**

Examination Paper - March 2016

Shipping Practice

12.03.2016

Total 100 Marks

Time: 3 Hours

NOTE: Answer any TEN Questions. All questions carry equal marks

Q 1 What vessels are suitable for the carriage of the below parcels:

- a) 58,000 mt of Wheat from Argentina to Colombia.
- b) 2500 Cars from Mundra to Alexandria
- c) 5600 ISO containers from Le Havre to Malta
- d) 4,35,000 mt of Crude Oil from Nigeria to Brazil
- e) 150 Big diameter Pipes from Mumbai port to Mumbai High Oil Fields

Q 2

- a) Write a short note on Tramp Trade with an example.
- b) List down 5 examples of cargo usually carried in tramp trade

Q 3 Write Short note on the below:

- a) Statement of Facts (SOF)
- b) Letter of Protest

Q 4 Write Short note on the below:

- a) SEAWAY BILL
- b) Switch B/L

Q 5 Describe the following types of charter parties:

- a) Time Charter
- b) Voyage Charter

Q 6 Write a short note on the below (2 Marks Each)

- a) Cargo Ship Safety Equipment certificate
- b) Cargo Ship Safety Construction certificate
- c) International Loadline Certificate
- d) International Oil Pollution prevention Certificate
- e) Certificate of CLASS

Q 7 Write short Notes on:

- a) NVOCC
- b) IACS

Q 8 Tankers play a very important role in the world trade. Explain in detail different types of tankers plying worldwide and with examples of cargo for each type and their average size in terms of cargo capacity.

Q 9 Write short Notes on:

- a) RMGC
- b) RTGC

Q 10 You are the agent of the Container Liner ship M.V. Highland Express which has called at your port. After completing loading, just when the hatch covers were being placed, one of the Shore cranes malfunctioned and the hatch cover of No 3 Hatch port side came crashing on the vessel. Damage caused to vessel, cargo life yet to be ascertained, Draft a E-Mail to your principals explaining the incident and give your suggestions and measures that you are taking to expedite the turnaround of the ship

Q 11 With an Organogram and short notes, explain the various departments in a Shipping Company and their functions

Q 12 With reference to Shipping, Kindly

- a) Shipping Bill
- b) Let Export Order under Customs rules (LEO)
- c) EGM
- d) Mates Receipt
- e) Tally Sheet

Q 13 State whether the following are true or False

- a) Tramp Trade involves cape size bulk carriers
- b) Density of BRACKISH water is between 1025 to 1035
- c) In a ICD there is no requirement of Customs authorities
- d) International Loadline Certificate is issued by the CLASSIFICATION SOCIETY on behalf of FLAG STATE
- e) ULOC is a Ultra large ORE carrier

Q 14 Distinguish between PORT AGENTS and LINER AGENTS

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**NAROTTAM MORARJEE INSTITUTE OF SHIPPING
MUMBAI**

Examination Paper – March 2016

Associateship / Post Graduate Diploma in Shipping management – First year

ECONOMICS OF SEA TRANSPORT

Date: 06.03.2016

Total :100 Marks

Time: 3 Hours.

NOTE: Question no. 1 is compulsory. Answer any four from the rest. All questions carry 20 marks.

Q1) (a) From the following total disbursements and freight earnings for a voyage of MV Maher, compile and draw up voyage accounts showing GOP and NOP per day.

Port cost	USD. 400000
Bunker cost	USD. 620000
Stevedoring	USD. 225000
Agency fees	USD. 115000
Freight earned	USD. 3345000
Address Commission	USD. 75000
Brokerage	USD. 68000
Depreciation for the voyage	USD. 200000
Standing charges	USD. 5000 per day
Total Steaming days	35
Total port days	40

(15 marks)

(b) State whether true or false.

- (i) Under time charter, H&M insurance costs are borne by charterer
- (ii) Worldscale systems are used in freight calculations for tanker shipping
- (iii) Under tramp trade vessel follows a fixed schedule
- (iv) In protected trade there are barriers to trade between two nations
- (v) Government of India does not relax cabotage law under any circumstances

(5 marks)

Q2) Write Short notes on –

- (a) Disbursements
- (b) Cabotage
- (c) Economies of scale
- (d) Comparative advantage theory

Q3) (a) Write a note on business cycles in shipping.

(b) Write a note on Incoterms and explain any four such terms.

Q4) Discuss the relevance of fuel economy and bunker management in shipping? What factors influence prices of bunkers? Explain the changing scenario in bunker management with emergence of ECA (Emission control Areas).

- Q5) (a) What are the factors which boosts shipping demand?
(b) Over past few years the freight markets for shipping has been poor. Do you agree? If yes, what reasons has contributed to the poor market conditions.
- Q6) (a) In which trading areas of the world there are serious concerns of pirate attacks? What are recent developments in shipping due to piracy?
(b) Write a note on Cabotage.
- Q7) (a) Explain in detail different costs structures under tramp trade for different forms of charter.
(b) Discuss the role of shipping in national development.

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Cost Structure	Under Tramp Trade
Demurrage	Not applicable
Lighterage	Not applicable
Wharfage	Not applicable
Stevedoring	Not applicable
Consolidation	Not applicable
Disconsolidation	Not applicable
Unloading	Not applicable
Storage	Not applicable
Insurance	Not applicable
Customs	Not applicable
Terminal	Not applicable
Documentation	Not applicable
Agency	Not applicable
Port	Not applicable
Ship	Not applicable