BHARATHIAR UNIVERSITY : COIMBATORE-46
P.G. Diploma in Chartering and Ship Broking
(For the SDE students admitted from the academic year 2012-13 & onwards)
Annual Pattern

1. **Eligibility**: Any Degree
2. **Duration of the Course:** The course shall extend over a period of one year. Examination shall be conducted at the end of the year.
3. **Course of Study and Scheme of examination**

Paper	Subject	Exam Duration	Max Marks
I	Logistics Management	3	100
II	Chartering and Ship Broking	3	100
III	Foreign Trade Procedure and Documentation	3	100
IV	Supply Chain Management	3	100
V	Inventory Management	3	100
		TOTAL	500

4. **Medium of Instruction**: The medium of Instruction and examination in English Only
5. **Passing Minimum**:
   a) A candidate shall be declared to have passed in a paper if a student obtains not less than 50% of Marks in that paper.
   b) A candidate failing to secure the minimum marks prescribed shall be required to reappear for the examination in that paper and obtain the minimum marks required for passing the paper.
6. **QUESTION PAPER PATTERN**
   Max : 100 Marks (5*20=100 Marks)
   Five out of eight questions to be answered

Logistics Management

UNIT – I

Marketing logistics system – concept, objectives and scope – Logistics interface with marketing – Logistics system elements – Importance and relevance to export management – Managing towards logistics excellence.

UNIT – II

The general structure of Shipping Industry – Type of ships – Operating systems – Liner operations and tramp operations – Conference system – Chartering principles – Freight structure and practices – U. N. Convention on liner code of conduct.

UNIT – III

Co-ordination : Role of intermediaries – freight forwarders – freight broker – stevedores – shipping agents – PORTS : Major and minor ports in India – Issues in India shipping – Port infrastructure development – Shipment of government controlled cargo – Organisation and functions of transchart.

UNIT – IV

Containerisation – Concept, Operation of the system – types of containers – benefits of containerization – Inland container depots, Problems and Prospects – Clearance procedure of ICD's – CONCOR – Multimodal transportation – International Air Transport – Advantages and constraints – Aircargo Tariff Structure – IATA.

UNIT – V

Case Studies (based on the above units).

BOOKS FOR REFERENCE:

1. Logistics Management & World Seabome Trade : Dr. Krishnaveni Muthaih
2. Study on shipping conferences
of shipping and export strategy for the 80's : IIFT
3. Freight tariffs and practices of shipping conferences : IIFT

Chartering and Ship Broking

OBJECTIVES: The objective is provide the student with an overview of all activities relating to ship broking and chartering

Unit 1
Principles of Chartering
Introduction to Chartering – Chartering Terminology – Role of Broker – Types and Functions - forms and activities – charter parties

Unit 2
Types of Charter
Types of Charter - voyage Ships –Vessel Descriptions - Vessel requirements - tramp chartering services - Passenger Ship Chartering – Cargoes - Freight Markets - Liner Operations –Tanker Charter - tanker trades - International Tanker Chartering Market

Unit 3
General & Special conditions in a charter
Purchase and Registration of Vessels - Exemptions and immunities - trading limits - dry-docking - protective clauses -stevedore damage

Unit 4
Financial Elements of Charter
Freight and hire calculations – Voyage Estimation – Checks – Cargo Capacity – Time estimation in Port – Bunker Cost Estimation - Laytime Calculations - Vessel Negotiations – Statement of Facts – Time Count – Stations – Voyage Completion – Costs of voyages - Demurrage and Despatches - Classification Societies – Spares and Black lists – Delivery Methods – Auctions

Unit 5
Contracts
Contracts - Individual rights, responsibilities and liabilities - Clauses in time charters - Bill of lading- Chartering Market Practise - Ethical requirements - lien clause – Disputes - General Arbitrations.

Reference:
1 The economics of tramp shipping / (by) B.N. Metaxas. (Athlone Press)
2 Shipbroking and Chartering Practice: Seventh Edition (Business of Shipping) by Lars Gorton (Lloyd's List)
3 Shipbroking and Chartering Practice, 6th Edition Gorton, Ihre, Sandervarn and Hillenius
4 Tanker Chartering (Shipping Business Series) by Philip Wood (Witherby & Co Ltd)
5 Ocean Freights and Chartering by Cyril Frederick Hardy Cufley (Adlard Coles Nautical)
6 Tanker Chartering 2010-2011 by Institute of Chartered Shipbrokers (Witherby Seamanship International Ltd)

Foreign Trade Procedure & Documentation

UNIT- I

Foreign trade policy 2004-2009 – Export licensing procedures and formalities –Export Price - Quotations – Deemed Exports – benefits – Categories of supply Role of Export Promotion in Export credits guarantee Corporation (ECGC) – Export promotion councils (EPCS) & commodity Boards (CB) – Export promotion schemes.

UNIT – II

EOU scheme (Export Oriented Units) – Eligibility – Setting up EOUs – supplies by DATA (Domestic Tariff Area) Units to EOUs – Special Economic Zones (SEZ) scheme – Eligibility Approval – conditions – fiscal Incentives for developer of SEZ's – New status Holder Categorization – one to five star Export Houses – Free trade and Warehousing Zones.

UNIT – III

Procedure for Registration of Importers- Categories of Importers – Importer Registration with regional licensing Authorities (IEC Number, I – card and modification of particulars) import of capital Goods under EPCG scheme (Export promotion capital Goods) – Duty Exemption / Remission scheme.

UNIT – IV

General provisions for Imports – Financing Import – Foreign Exchange Facilities to Importers – Customer and Central Excise Duty Drawbacks in Export goods –ForeignCurrency Accounts in India and Abroad permitted currencies and methods of payment - Customs formalities for clearance of Imports goods- Shipment of goods.

UNIT – V

Import and export documentation – Frame work – Standardized pre-shipment Export documents – Commercial and regulatory documents.

BOOKS RECOMMENDED :

1. Foreign trade policy procedures and documents – M.I. Mahajan
2. 100% Export oriented unites special economic zones award procedure – S.M. Bhat Nagar
3. Import – M.I. Mahajan
4. Import Management – Nand Kishore sharmas
5. Import do it yourself – M.L. Mahajan
6. Export Management - Dr. Verma and Aggerwal
7. A guide on Export policy procedures and documentation – M.L. Mahajan

Supply Chain Management

Objective

To create awareness about the supply chain activities taken in order to deliver the goods

Unit I

Supply Chain Management – Global Optimisation – importance – key issues – Inventory management – economic lot size model. Supply contracts – centralized vs. decentralized system

Unit II

Supply chain Integrates- Push, Pull strategies – Demand driven strategies – Impact on grocery industry – retail industry – distribution strategies

Unit III

Strategic Alliances: Frame work for strategic alliances – 3PL – merits and demerits – retailer – supplier partnership – advantages and disadvantages of RSP – distributor Integration

Unit IV

Procurement and Outsourcing: Outsourcing – benefits and risks – framework for make/buy decision – e-procurement – frame work of e-procurement

Unit V

Dimension of customer Value – conformance of requirement – product selection – price and brand – value added services – strategic pricing – smart pricing – customer value measures

Reference Books:

1. Rushton, A., Oxley, J & Croucher, P (2nd Edition, 2000). Handbook of Logistics and Distribution Management. Kogan Page.
2. Simchi-Levi, David, Kamisnsky, Philip, and Simchi-Levi, Edith. (2nd Edition, 2004).
3. Supply chain management , Kulkarni sarika sharma ashok
4. Supply chain management concepts and cases , Ragul V. Altekar
5. Text book of logistics and supply chain management , Prof D.K. Agarwal
6. Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies Irwin/McGraw Hill 32

Inventory Management

Objective:
The aim of this paper is to understand the importance of holding inventory by the organizations, describe ABC inventory systems, calculate an Economic Order Quantity (EOQ) and safety stock.

Unit I
Inventory – Definition – Types – Characteristics - Cost of Carrying inventory - Conceptual framework of inventory - Inventory categorization - Service level. (15 Hours)

Unit II
Inventory Management-Meaning-need-Classification ABC Analysis and CAV analysis-Inventory Management Policy-factors to be considered to formulate itdefinition - Inventory control procedures-Inventory Planning methods-Constraints to the effectiveness of Inventory Planning-Conceptual design of a Combined DRP/MRP System-features-benefits & limitations of DRP. (18 Hours)

Unit III
Inventory Management Strategy-Strategy Development process-Characteristics of poor inventory-Steps-Methods for improved inventory management- Export inventory management. (15 Hours)

Unit IV
Inventory Management models-Push and Pull models-EOQ model-Safety stock – Inventory cost-Types: carrying and ordering - financial impact of inventory-Total cost presentation. (13 Hours)

Unit V
Supply chain Inventory Management-Reasons for carrying inventory-Supply chain wastes and their effects on inventory investment-Measures to eliminate supply chain waste-Approaches for controlling inventory investment. Supply chain inventory planning and controlling. (14Hours)

Books for Reference:
1. David J. Bloomberg, Stephen LeMay & : Logistics, Prentice-Hall of India Pvt Ltd., Joe B. Hanna New Delhi, 2003.
2. Donald J. Bowersox & David J. Closs : Logistical Management, Tata McGraw Hill Publishing Co. Ltd, New Delhi, 2004
3. Satish C. Ailawadi & Rakesh Singh : Logistics Management, Prentice-Hall of India Pvt Ltd., New Delhi, 2005
4. Donald Waters : Logistics. Palgrave Macmillan, New York, 2004
5. Krishnaveni Muthiah : Logistics Management & World Sea borne Trade, Himalaya Publishing House, Mumbai, 1999
6. Sarika Kulkarni : Supply Chain Management, Tata Mc- Ashok Sharma Graw Hill Publishing Co Ltd., New Delhi, 2004