

404. SUPPLY CHAIN LOGISTICS

1. Introduction to Supply Chain Management & Supply Chain Network: What is Supply Chain? Importance of Supply Chain Management (SCM), Overview, Objectives, Nature & Scope of SCM, Managing the supply Chain, Models of Scope SCM. Supply Chain, Models of SCM, Evolution of SCM. Supply chain Networks, Integrated supply Chain Planning, Importance of Design, Role of Facility Decisions, Distribution Channels, Design, of Distribution Channel, Channel Design, Locational Determinants.
2. Demand Management: Demand Management Process, the Role of Forecasting and Production, Basic Approach to Forecasting, Overview of Qualitative and Quantitative Methods of Forecasting, Relationship between Customer Service and Demand Management.
3. Supply Chain Planning: Aggregate Planning in a Supply Chain, Aggregate Planning Strategies, Planning Supply and Demand in a Supply Chain, Planning and Managing Inventories in a supply Chain, Planning for Optimal level of Product Availability.
4. Introduction to Logistics Management: Objectives of Logistics, Components of Logistics, Significance of Logistics, Logistical Value Proposition, the Work of Logistics, Logistical Operations, Integrated Logistics, Evolution to 4PL.
5. Designing Distribution Network: Role of Distribution in Supply Chain, Factors Influencing Distribution Network Design, Design Option, E- Business, Models for Facility Location and Capacity Allocation, Warehouses, Importance, Types and Functions Performed by Warehouses.

Tax Book:

1. Supply Chain & Logistics Management: Bowersox, Closs & Cooper (TMGH) 2nd Ed. Supply Chain Management Strategy Planning & Operations-Chopra, Meindl (Pearson) 1st Ed.

Reference Book:

1. Logistics & Supply Chain Management: Martin Christopher. Supply Chain Management Process, System & Practice –N. Chandrasekaran (Oxford) 1st Ed.