

EC II OPERATIONS MANAGEMENT

Unit 1. Production Management:

Production systems and manufacturing – Production Planning and control – quality control – maintenance management –value analysis.

Unit 2.

Location, Plant layout, Product design-capacity planning-process planning – productivity and time management

Unit 3. Materials management:

Nature and scope – Objectives of M.M- Scientific purchasing functions and procedures-Right price, right quality, Right source-vender rating.

Unit 4. Stores Management:

Functions and Organisation-Location, Security, Inspection – Methods of pricing material issues.

Unit 5. Inventory management:

Need for inventory – types of inventory – objectives – inventory control – selective control - lead time analysis.

REFERENCES:

1. Patel, Chuewalla & patel, Integrated Materials Management, Himalay Publicating House.
2. P.S.Sharma, Material Management, Kitab Mahal
3. Lame Lee Jr. and Donald W.Dobler, Purchasing and Materials management - Tata Mc. Graw Hall Publising /Company Ltd.,
4. Goel and Gupta Production Management – Pragati Prakasham
5. Samuel Eilon, elements of production planning and control – University Book Corparation.
6. Martin K Star and David W. Millar, Inventory Control: Theory & Practice, Prentice Hall of India (p) Ltd.,
7. P.Gopalakrishnan and M.S. Sandilya , Stores Management andn Logistics- S.Chand & Company Ltd.,