
SYLLABI-BOOK MAPPING TABLE

Production Management

Syllabi	Mapping in Book
UNIT-I Production/Operations Management: Introduction, Major decisions; objectives and activities; Difference between products and services (from POM view point). Characteristics of a production system.	UNIT 1: Production and Operations management (Pages 3-25)
UNIT-II Types of production systems: Production to order and production to stock; Plant Location: Factors affecting locations & evaluating different locations; Plant Layout: Meaning, objectives, characteristics and types; Plant layout and materials handling.	Unit 2: Production Systems (Pages 27-46); Unit 3: Plant Location, Layout and Materials Handling (Pages 47-74)
UNIT-III Production Planning and Control: Meaning, objectives, advantages and elements, PPC and production systems, Aggregate planning and Master production Schedules, Sequencing and assignment problems. Motion and Time Study.	Unit 4: Production Planning and Control (Pages 75-110); Unit 5: Project Analysis (Pages 111-145); Unit 6: Product Selection and Development (Pages 147-168); Unit 7: Work Study (Pages 169-184)
UNIT-IV Inventory Control: Objectives, advantages and techniques (EOQ Model and ABC Analysis). Quality Control: Meaning and importance; Inspection, quality control charts for variables & attributes and Acceptance Sampling; Maintenance; Meaning; importance and types.	Unit 8: Inventory Management (Pages 185-235); Unit 9: Quality Control (Pages 237-263); Unit 10: Maintenance Management (Pages 265-282); Unit 11: Supply Chain Management, Computer Systems and Packages (Pages 283-302); Unit 12: Uses of Quantitative Techniques in Solving Production Problems (Pages 303-316)
