

AMPTE27 INDUSTRIAL MANAGEMENT AND COSTING

UNIT-1 PRINCIPLES OF MANAGEMENT ORGANISATION

- 1.1 Planning, organization, staffing, coordination, directing, controlling,
- 1.2 Communicating, Organization as a process and structure: Types of organization.

UNIT-2 PRODUCTION MANAGEMENT

- 2.1 Method study; work measurement techniques;
- 2.2 Basic procedure; motion study; motion economy; principles of time study;
- 2.3 Elements of production control; forecasting; planning; routing; scheduling dispatching;
- 2.4 Cost and costs control, inventory and inventory control.

UNIT-3 ENTREPRENEURSHIP

- 3.1 Entrepreneur- qualities of entrepreneur- entrepreneurship
- 3.2 Need of EDP- achievement- motivation training
- 3.3 Project report preparation- evaluation- planning for starting an unit- requirements, conducting market survey

UNIT-4 TOTAL QUALITY MANAGEMENT

- 4.1 TQM concepts – overview
- 4.2 Quality tools & techniques used in TQM
- 4.3 TQM Principles
- 4.4 Six sigma**
- 4.5 Concepts & Terminology of Six Sigma
- 4.6 Tool Kit to Deploy
- 4.7 Six Sigma improvement process using DMAIC
- 4.8 Tools for Six Sigma

UNIT-5 COSTING

- 5.1 Basic principles of costing-direct cost-indirect cost- labour costing-stores organisation - factory overhead costs- Costing methods.
- 5.2 Standard and marginal costing-break- even-point control functions-cost reduction-value analysis-cost audit-costing as related to mould and mouldings- capital expenditure-reports and statistics.
- 5.3 Proforma for cost estimation- product cost-mould cost
- 5.4 Processing cost-project costing- direct cost-indirect cost-break-even point.

References Books:

1. Personnel Management and Industrial Relations By Davor, R.S.
2. Mechanical Estimating & Costing By Banga & Sharma. Cost and Management Accountancy for Students By Batty J.
3. Production Planning, Control and Industrial Management By Jain & Agarwal