

SARDAR PATEL UNIVERSITY
Programme & Subject: B.Sc (Industrial Chemistry-Vocational)
Semester: VI
Syllabus with Effect from: November-2013

Paper Code: US06CICV04	Total Credit: 3
Title of Paper: Industrial Management & Economics - II	

Unit	Description in Detail	Weightage (%)
I	Basic concept of Economics, Demand and Supply, Elasticity of Demand and Supply, Concept of Profit and Revenue, Concept of Equilibrium and Margin, Introduction to Micro and Macro Economics, Economies in production, Economics in management, Economies in finance.	25%
II	Depreciation methods of determining depreciation, Taxes, selecting some aspects of marketing, Pricing policy, Profitability, Criteria, Economics of selecting alternatives, Variation of cost with capacity, optimum batch sizes, Production scheduling etc.	25%
III	Entrepreneurial decision: Launching a new enterprise, ownership organization decision, Expansion of existing business. Scale of operation and size of firm: Measure of size, Factors determining size of business, optimum size of business unit, force determining optimum size. Weakness of large firms	25%
IV	Material management, Inventory Management: Meaning, Importance, Techniques and Inventory Controls. Quality Control: Meaning, Importance, Total Quality Control and Total Quality Management Case Study on TQC and TQM	25%

Basic Text & Reference Books:

- Essentials of Inventory Management, by Max Muller, AMACOM
- Total Quality Management – An Introductory Text by Paul James, Prentice Hall
- Quality Control and Applications by Housen & Ghose
- MIS by T. Lucey 8th Edition BPB Publication

