

SARDAR PATEL UNIVERSITY

Programme: BBA (GENERAL)

Semester: VI

Syllabus with Effect from: November/December-2013

Paper Code: UM06CBBA01	Total Credit:3
Title Of Paper: Operations Management	

Unit	Description in detail	Weighting (%)
I	Fundamentals of Operations Management Operating System and operation management: Meaning of operating System; functions of manufacturing and operations (Transport, supply and service) - Meaning, scope and importance of operations management - Role and responsibility of operations managers in modern business environment.	25%
II	Production Process and Plant Layout Meaning, concept and types of production process (Job, Lot, Batch and Mass Production) - Features and comparison - Meaning and objectives of Plant layout - Factor affecting plant layout - Types of plant layout (Process, Product and Fix layout)	25%
III	Work Design Meaning and concept of work design - Techniques of work study - Method study: meaning, objective, basic procedure, Charts & Diagrams (Man-machine chart with examples, Flow process chart and String diagram) - Time study: Meaning, objectives and basic procedure - Tools of time study - Computation of standard time (Examples)	25%
IV	Operation/Production Planning and Control Production Planning: Meaning, objectives, planning procedure, Routing, scheduling, dispatching and follow up - Production control: Meaning, objectives and importance of production control - Examples on Critical Path Method (CPM)	25%

Basic Text & Reference Books:-

- Material Management by K. Shridhar Bhat, Himalaya publication
- Production Management by L.C. Jhamb, Everest Publication
- Production Management by Chunawalla and Patel
- Production and Operation Management by S.N. Chary, Tata McGrew Hill
- Modern Production Management by E.S.Buffa.

