

**M.C.A. SEM – IV**

**MCA-46 : Computer Based Management System & E-Commerce**

Teaching Scheme (per week)		Examination Scheme					
		INT		EXT		TOTAL	
Th. (hours)	Pr. (hours)	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)
4	--	30	--	70	--	100	--

**UNIT I (25%)**

**Introduction to Management: The Management Processes:** Planning, Organizing, Leading and Controlling. **Management Levels:** Top, Middle and Bottom. **The Management School:** Scientific Management, Classical Management, Behavioral Management, Management Science, Systems Approach, Contingency Approach.

**UNIT II (25%)**

**Management in The Twenty-First Century:** Seven – S Model, Organization Structure, Communication Processes. **Strategy:** Institutional, Operational, Total Quality Control (TQC), Total Quality Management (TQM), Electronic Data Interchange (EDI), Just-In-Time (JIT) Approach.

**UNIT III (25%)**

**Applications Of Management Information System: Types of Information System in Organizations:** Transaction Processing System (TPS), Office System, Knowledge Work System (KWS), Decision Support System (DSS), Management Information System (MIS), Executive Support system (ESS).

**UNIT IV (25%)**

**E-Commerce: Overview of E-Commerce:** Benefits of E-Commerce, Impact of E-Commerce, Applications of E-Commerce, Business Models of E-Commerce. **Electronic Payment System:** Introduction to Payment System, Online Payment System, Pre-paid and Post-paid Payment System. **Security in E-Commerce:** Transaction Security, Cryptology, Authentication Protocol, Digital Signature.

**Reference Books:**

1. Management, by Stoner, Freeman, Gilbert, 6th Edition, PHI Publication
2. Management Information System, by Kenneth C. Laudon, Jane P. Laudon, 8th Edition, Pearson Education Publication.
3. E-Commerce A Managerial Perspective, by P.T. Joseph, PHI Publication
4. Introduction to E-Commerce, by Jeffery, TMH