Krantiguru Shyamji Krishna Verma Kachchh University
Master of Science (Information Technology)
Semester: I

Paper Code: CECS103	Total Credit : 4
Title of Paper: Enterprise Resource Planning	Total Marks : 70 Time : 3 Hrs

Unit	Description	Weighting
I	**Introduction** Enterprise Resource Planning (ERP) : introduction, history, advantages Enterprise : introduction, business modeling, integrated data model, integrated management information Basic concepts of ERP Risks and benefits of ERP	
II	**ERP and Related Technologies** Introduction to MRP, MRP-II and ERP Business Process Reengineering (BPR) Data warehousing, data mining and Online Analytical Processing (OLAP) Product Life Cycle Management (PLM), Supply Chain Management (SCM), Customer Relationship Management (CRM)	
III	**ERP Marketplace and Functional Modules** Marketplace : overview, dynamics, changing ERP market Indian ERP Scenario Functional modules of ERP software Integration of ERP, SCM and CRM	
IV	**ERP – Selection and Implementation** ERP package selection ERP Implementation basics, ERP Implementation Life Cycle Post implementation activities Success and Failure Factors of an ERP Implementation	
V	**The Business Modules** Finance, Manufacturing, Human Resources, Plant Maintenance Quality Management, Sales, Distribution and Service, Marketing	
Basic Text & Reference Books :-		
1.	Alexis Leon : Enterprise Resource Planning, Tata McGraw-Hill, New Delhi 1st and 2nd editions.	

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Unit	Description		Total Marks
I	Q.1 (A) Short / Medium Questions (With Internal Option)	06	14
	Q.1 (B) Medium / Long Questions. (With Internal Option)	08	
II	Q.2 (A) Short / Medium Questions (With Internal Option)	06	14
	Q.2 (B) Medium / Long Questions. (With Internal Option)	08	
III	Q.3 (A) Short / Medium Questions (With Internal Option)	06	14
	Q.3 (B) Medium / Long Questions. (With Internal Option)	08	
IV	Q.4 (A) Short / Medium Questions (With Internal Option)	06	14
	Q.4 (B) Medium / Long Questions. (With Internal Option)	08	
V	Q.5 (A) Short / Medium Questions (With Internal Option)	06	14
	Q.5 (B) Medium / Long Questions. (With Internal Option)	08	