

**SARDAR PATEL UNIVERSITY**  
**Programme: BCA**  
**Semester: VI**  
**Syllabus with effect from: November/December-2013**

<b>Paper Code: US06CBCA03</b>	<b>Total Credit: 4</b>
<b>Title Of Paper: Business Information Systems</b>	

<b>Unit</b>	<b>Description in detail</b>	<b>Weighting (%)</b>
I	<b>Introduction to Information Systems and Information Technology</b> Introduction to Information Systems, Information as a Corporate Scenario Managerial effectiveness and Information, Information needs and managerial levels, Process of generation of information Introduction and meaning of Information Technology Role of IT in a Business, IT infrastructure and Resources Issues involved in IT Implementation Advantages and disadvantages of IT in a business Quality of Information	25%
II	<b>Business Information Systems</b> Introduction The evolution and types of Information Systems, Users of Business Information Systems, Components of a Business Information Systems IT support at different Organizational Levels Managing Information Technology in Organizations	25%
III	<b>Business Functions and Decision Support Systems (DSS)</b> Basic business functions Marketing function and information needs, Finance function and information needs, Production function and information needs, Human resource function and information needs Information Management as business function Integration of Business functions DSS : introduction, objectives, advantages and disadvantages Enterprise Decision Support	25%
IV	<b>Advanced Information Systems</b> Group DSS, Global Positioning System (GPS) and Geographical Information System (GIS) Business Portals – introduction, architecture, advantages and disadvantages Data visualization technologies Knowledge Management and Organizational Knowledge Bases Knowledge Discovery and Analysis	25%

**Basic Text & Reference Books :-**

- James A. O'Brien (Tenth Edition) Tata McGraw Hill Publication
- Muneesh Kumar : Business Information Systems, Vikas Publishing House Pvt. Ltd., New Delhi
- Turban, Rainer, Potter, Introduction to Information Technology John Wiley & Sons Inc., 2000

