

SARDAR PATEL UNIVERSITY
Programme: BBA (Information Technology Management)
Semester: V
Syllabus with effect from: June-2013

Paper Code: UM05CBBI02	Total Credit:3
Title Of Paper: Internet Technology	

Unit	Description in detail	Weighting (%)
I	Fundamentals Internet History & Timeline - The Internet Protocol: Tcp/Ip - Tcp/Ip Protocol Documents -Rfcs - Tcp/Ip Model - Different Protocols Under Tcp/Ip Protocol Suite And Their Functions - Ip Overview	25%
II	IP Addressing IP Addressing Scheme - Class A, Class B, and Class C Addressing Scheme - Subnetting - Custom Subnetting - IPV4 Header	25 %
III	Beyond IP Layer Icmp And Ping - Udp Header - Tcp Header - Three Way Handshake - Port Numbers - Tcp Services - All Tcp/Ip Command Line Utilities	25 %
IV	TCP/IP enabled Services Ftp Service - Telnet Service - Arp Service - Dhcp Service - Dns Service Wins Service	25 %

Basic Text & Reference Books:-

- Data Communications and Networking by Behrouz A Forouzan
- TCP/IP Protocol Suite by Behrouz A Forouzan
- Illustrated TCPIP: A Graphic Guide by Matt Naugle

