GUJARAT TECHNOLOGICAL UNIVERSITY M. E. - SEMESTER – I • EXAMINATION – WINTER 2012

Subject code: 710205NDate: 10-01-2013Subject Name: Internet TechnologyTime: 02.30 pm - 05.00 pmTime: 02.30 pm - 05.00 pmTotal Marks: 70Instructions:1. Attempt all questions.1. Attempt all questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.1	(a) (b)	Explain practical use of internet in various fields. Explain: LAN, WAN, Internet	07 07
Q.2	(a) (b)	What is IP address? Explain Internet addressing and its classes Explain : Switch , Router and Gateway OR	07 07
	(b)	Define : Protocol and explain TCP/IP protocol.	07
Q.3	(a) (b)	What is the role of web browser? Explain various web browser. Explain seven layers of OSI model. OR	07 07
Q.3	(a) (b)	Explain different media(Wire/Wireless) used to establish network. Explain: NIC, RJ-45, CAT5	07 07
Q.4	(a) (b)	Explain : E-mail Servers and FTP Servers Explain Client-Server model. OR	07 07
Q.4	(a) (b)	Explain : Web Servers and Proxy Servers Explain different types of Components and Connection required to establish internet surfing.	07 07
Q.5	(a) (b)	Explain :- DNS and HTTP Write HTML to display Library Book information in table format. OR	07 07
Q.5	(a) (b)	Explain Use of CSS and DHTML in Website Design. Write HTML to Display Menu Items and also provide facility for multiple item selection	07 07
