Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. - SEMESTER – I • EXAMINATION – SUMMER • 2013

Subject code: 710205N Subject Name: Internet Technology		Name: Internet Technology	
		0.30 am – 01.00 pm Total Marks: 70	
In		tions:	
	1. 2. 3.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	What is Internet? Discuss brief history of internet Explain IP addressing and its classification schemes	07 07
Q.2	(a)	Describe history of internet standards. Also discuss standard bodies currently in existence	07
	(b)	Explain Web browser basics and also explain architecture of web browser. OR	07
	(b)	What is OSI reference model? Explain functionality of each layer.	07
Q.3	(a) (b)	Explain TCP/IP reference model and its layers Explain DNS and types of domains and its resolution	07 07
		OR Write short note on:	
Q.3	(a)	i) CIDR Notation ii) HTTP Protocol	04 03
	(b)	Explain LAN, WAN and Network topologies	07
Q.4	(a)	Give full form of the following terms: i) SMTP ii) FTP iii) DHCP iv) ARP v) UDP vi) ICMP vii) URL	07
	(b)	What is HTML? Explain various text formatting tags of HTML with suitable example program	07
		OR	
Q.4	(a) (b)	Explain working of Hub, Switch, Bridge and Router What is Web server and Email server? explain in brief	07 07
Q.5	(a) (b)	What is CSS? Explain with CSS example program Design HTML page which include table tag and also display image inside table OR	07 07
Q.5	(a)	What is Network Interface Card? List out network connecting devices and explain in short	07
	(b)	Explain HTML body tag and form tag with suitable example	07
