		GUJARAT TECHNOLOGICAL UNIVERSITY		
Subject Name: Advanced Internet Technology Time: 2:30 PM to 5:00 PM Total Marks:		· · · · · · · · · · · · · · · · · · ·	Date: 07/12/2015	
		.010		
			Marks: 70	
Ins		tions:		
	2.	Attempt all questions.  Make suitable assumptions wherever necessary.		
	3.	Figures to the right indicate full marks.		
Q.1	(a) (b)	What is Proxy server? Explain various types of proxy server? Explain FTP, DHCP and DNS in detail.	07 07	
Q.2	(a) (b)	What is Web Server? Explain its architecture. How the WWW works? Explain HTTP request methods in detail.	07 07	
	<b>(b)</b>	OR What is Scripting language? Explain Client side and Server side scripting	07	
		languages.		
Q.3	<b>(a)</b>	How search engines work? Explain Web Crawler.	07	
	<b>(b)</b>	What is the payment protocols use in internet application? Explain each in brief.	07	
Q.3	(a)	<b>OR</b> What is E-commerce? Explain each type and give the real world explanation of	07	
Q.S	(4)	each type.	07	
	<b>(b)</b>	What is firewall? Explain each types of firewall in network communication.	07	
Q.4	(a)	What is XML? Differentiate XML and HTML.	07	
-	<b>(b)</b>	Create DNS server and client program with using appropriate socket API.  OR	07	
Q.4	(a)	What is session hijacking? How it is possible? Explain in detail with appropriate diagram.	07	
	<b>(b)</b>	Differentiate Cookie and session.	07	

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(a) What is socket? Explain its role over client and server programming.(b) What is the meaning of term CGI script? Explain its types of variable function.

(b) Explain database access parallelism. Differentiate Inter-query and Intra-query

(a) Explain X.509? Also explain structure of it.

parallelism.

OR

Q.5

Q.5

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