Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

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

Su	bject	code: 730202 Date: 15-05-2013	
	-	Name: Advanced Internet Technology 0.30 am – 01.00 pm Total Marks: 70	
		tions:	
		Attempt all questions. Make suitable assumptions wherever necessary.	
Q.1	(a) (b	What is firewall? Explain each types of firewall in network communication. What is XML? Explain its advantage and significance. Write an XML script to store studentøs book database.	07 07
Q.2	(a) (b)	Explain X.509? Also explain structure of it. Explain term XML, WSDL, SOAP, SGML. OR	07 07
	(b)	Differentiate Cookie and session.	07
Q.3	(a) (b)	What is a web service? Explain architecture of it and component in detail What is internet? Draw and explain architecture of it. OR	07 07
Q.3	(a) (b)	Explain IP protocol of TCP/IP model. What is proxy server? Explain use and advantage of it.	07 07
Q.4	(a)	What are web-crawlers? Explain High-level architecture of a standard Web-crawler.	07
	(b)	What is socket? Explain all API for TCP communication. OR	07
Q.4	(a)	What do you mean by communication system? Explain centralize system, client server system and parallel system in detail.	07
	(b)	What is the meaning of term CGI script? Explain types of variable and function of it.	07
Q.5	(a)	Differentiate Inter-query and Intra-query parallelism, Inter-operation & Intra-operation parallelism	07
	(b)	What is E-commerce? Explain each type and give the real world explains of each type.	07
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Q.5	(a)	What is web-server? Name each type of web server and explain the architecture of any one of them.	07
	(b)	What is the payment protocols use in internet application? Explain each in brief.	07
