Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY M. E. - SEMESTER – II • EXAMINATION – WINTER • 2013

	•	code: 725101 Date: 24-12-2013 Name: Application Security	
Tiı	me: 1	0.30 am – 01.00 pm Total Marks: 70 etions:	
	1. 2.	Attempt all questions.	
Q.1	(a)	What is Insufficient Transport Layer Protection? Explain with some examples.	07
	(b)	What is an interpreted language? Give some examples.	07
Q.2	(a) (b)	Explain what is "Failing to Restrict URL Access" with some examples. What are the advantages and disadvantages of an interpreted language?	07 07
		OR	
	(b)	Discuss Insecure Cryptographic Storage with the help of some examples.	07
Q.3	(a)	What do you mean by type checking? Explain dynamic typing and static typing?	07
	(b)	What is Security Misconfiguration? Give some examples. OR	07
Q.3	(a)	What is the difference between syntax and semantics? Give some examples.	07
	(b)	What is Cross Site Request Forgery? Give some examples.	07
Q.4	(a) (b)	What is an exception handler? Why we should use exception handlers? Discuss Insecure Direct Object References in detail. OR	07 07
Q.4	(a)	Discuss the difference generations of Programming Languages with some examples.	07
	(b)	Explain Broken Authentication and Session Management in detail.	07
Q.5	(a)	What is cross site scripting? How it affects the security of an application?	07
	(b)	What is command injection? What are the risk involved if a web application is vulnerable to command injection?	07
Q.5	(a)	OR Discuss Regular expression from a python perspective.	07
	(b)	Discuss File I/O in python. What are the native data types in Python?	07
