TIME	: 3 Hours	Marks: 80
Note: Question Number 1 is Compulsory		
Attempt any three Questions from Question r	number 2 to 6.	
Assume Suitable Data if Necessary.		
Q1.a. Compare and Contrast Handshake Protocol in	SZI and TI S	
b. Explain any types of Cryptanalytic Attacks.	SSE and TES.	5
c. Define Kerberos and name its Server. Briefly	avalain the duties of each s	
d. Distinguish between diffusion and Confusion.	M. 望ん Y 1 ロミスコ Vエ VA アコヤコ でんぷ	500 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (100 (
Q2.a. Explain different Authentication techniques in	detail.	9.88888888 10
b. Explain the RSA Cryptosystem and also Brief Cryptosystem.	f the Possible attacks on the	e RSA 10
Q3.a. Explain Biba and Bella Padulla Model.		10
b. Explain Buffer Overflow and Incomplete Med They can be used to attack the system.	liation flaws in a program a	and how 10
Q4.a. Explain the concept of Digital Signature. How	it is used to preserve the se	ecurity goals. 10
b. Explain the role of IDS in securing a network.	Describe different types of	f IDS. 10
Q5.a. Distinguish between two modes of IPSec and I	Explain the security service	es 10
Provided by them.		
b. Explain Secure Socket Layer.	\$\B\Z\&\	10
Q6. Write Short Notes on. (Attempt any Four, Each	Carries 5M)	20
a. Cookies and Secure HTTP		
b. SQL Injection Techniques	S. S	
c. DNS Spoofing		
d. Types of Firewall		
e. Security Architecture of Windows System		

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