

Question Bank (G scheme)

Name of subject: **COMPUTER SECURITY**

Unit Test :II

Subject code: **17514**

Course : **CM**

Semester: **V**

CHAPTER NO 3: CRYPTOGRAPHY [16 marks]	
Q NO:	3marks QUESTIONS
1.	What is Plain Text? What is cipher text?
2.	Explain the term Steganography.
3.	What is encryption?
	4marks QUESTIONS
4.	Explain Caesar's Cipher technique with suitable example.
5.	Explain Caesar's cipher encryption technique considering text as "HAPPY BIRTHDAY TO YOU"
6.	'Come Home tomorrow 'converts it into cipher text using Caesar's cipher method.
7.	What is cipher? Convert "Welcome to Computer World" into cipher text using Rail Fence transposition technique.
8.	Explain Rail fence technique with suitable example?
9.	Explain the term Encryption, Cryptography, Cryptanalysis and cryptology?
10.	Explain the concept of Hashing.
11.	Distinguished between symmetric and asymmetric key cryptography.
CHAPTER NO 4: COMPUTER SECURITY TECHNOLOGY & INTRUSION DETECTION [24 marks]	
	3marks QUESTIONS
1.	What is Firewall? List different types of firewall.
2.	What is Security Topology? List different types of security zone.
	4marks QUESTIONS
3.	What is Kerberos? Explain with diagram different servers involved in Kerberos.
4.	Explain IDS in detail.
5.	Explain E-mail security in details.
6.	How IPSec works in security? Explain in detail.
7.	Explain VLAN, types of VLAN and tunneling.
8.	Explain the working of host based Intrusion detection System.
CHAPTER NO 6: APPLICATION AND WEB SECURITY [08 marks]	
	4marks QUESTIONS
1.	Explain web security threats approaches.
2.	Explain web traffic security approaches.
3.	Describe the architecture of SSL and list its protocols.
4.	Describe SSL protocol stack with suitable sketch.
5.	Describe Secure Electronic Transaction process.
6.	Explain web server and active directory.