6. What are the different techniques used for distributing public keys?

7. What are the requirements of hash function?

8. What is the use of passphrase based key in PGP?

9. What are the services provided by SSL Record Protocol?

10. List the functions provided by S/MIME.

(10×4=40 Marks)

PART-B

Answer any one question from each Module.

Module - I

11. a) Explain the various substitution techniques in detail.

14

b) Write short notes on Rotor machines.

6

12.	a) Explain the cipher feedback mode and output feedback mode.	10
	b) Explain the AES key expansion algorithm with neat sketch.	10
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13.	Explain RSA algorithm and its computational aspects.	20
	STIGHT ST	
14.	a) Explain MD5 algorithm.	15
	b) Give the differences between MD5 and SHA - 1.	5
	Module – III	
15.	Explain in detail about PGP.	20
	amiliare unconditionally secure and computationally significant	
16.	a) Explain the encapsulation security payload in detail.	10
	b) Explain the operation of SSL Record Protocol.	10
	What are the requirements of public key cryptography?	