

Question Bank (G scheme)

Name of subject: Information Security

Subject code: 17518

Semester: FIFTH

Unit Test : 2

Course : IF

CHAPTER 3: Cryptography (12M)

3 marks

1. Differentiate between symmetric and asymmetric techniques.
2. Explain terms plain text, cipher text and decryption.
3. Explain DDS.

4marks

4. Explain row transposition cipher with example.
5. list and explain any two authentication protocol.
6. explain digital signature with diagram.

CHAPTER 4:Data recovery and cyber security (20M)

3 marks

7. Explain stepwise procedure to recover deleted files.
8. Explain NTFS recovery
9. Explain recovery of formatted partition.
10. Define cybercrime. List different types of cybercrime.
11. Explain software privacy in detail.
12. Explain intellectual property related to cybercrime.
13. Define terms : Mail Bomb, Bug exploits
14. Explain procedure for data recovery

.4 marks

15. Explain IT act of India 2000.

16. What is cyber law and need of cyber law.
17. What are the characteristics of IT act 2008
18. Explain concept of hacking and cracking

CHAPTER 5: Access and physical controls (20M)

3 Marks

19. Define terms: Identification, Authorization and Authentication
20. Explain various types of authentication
21. Explain biometrics system
22. Draw and describe the classification of biometric characteristics.
23. What is SSO. Explain its components.
24. Explain fingerprint recognition.
25. Explain ISO 27001
26. Explain BS2599

4 marks

27. Explain ITIL framework in detail.
28. Explain different physical security controls.
29. Explain OBIT framework.
30. Explain working of Kerberos.