

Short Attendance Assignment

| Attendance | No. of Question |
|----------------------|--|
| Between 60-74 | 2 Question from each unit and from each subject |
| Between 50-59 | 3 Question from each unit and from each subject |
| Between 35-49 | 4 Question from each unit and from each subject |
| Below 35 | 5 Question from each unit and from each subject |

NETWORK & WEB SECURITY ASSIGNMENT

Unit -1

- Q1. Discuss the importance of Network Security?
- Q2. Explain the following terms:
 - a) Information Security
 - b) Cyber Security
- Q3. What are the different types of attack in network security?
- Q4. Define Intruders. Explain different types of intruder.
- Q5. Define Intrusion Detection System.

Unit -2

- Q1. What is steganography? What are the various techniques?
- Q2. Explain the data encryption standard.
- Q3. What do you understand by cryptanalysis?
- Q4. What are the advantages and disadvantages of asymmetric key cryptography?
- Q5. Explain Elliptic key cryptography.

Unit -3

- Q1. Explain the classes of message authentication functions.
- Q2. What is digital signature?
- Q3. What are the various phases of SSL, handshake protocol?
- Q4. What is Kerberos?
- Q5 Explain SHA-1.

Unit -4

- Q1. Define Email viruses.
- Q2. Describe the types of viruses.
- Q3. What is DDOS?
- Q4. What is Phishing?
- Q5. Explain digital immune System.

Unit -5

- Q1. Explain trusted system.
- Q2. Define computer forensic.
- Q3. Define foot printing.

Q4. Define System Hacking System.

Q5 Define E-Mail Spiders.

DISTRIBUTED SYSTEM

Unit 1

Q1. Explain Distributed operating system?

Q2. Define these terms: Openness, Scalability, connecting users

Q3. Discuss Transparency and their types?

Q4. Discuss the role of middleware in a distributed system?

Q5. Explain all the system models of distributed system?

Unit 2

Q1. What do you understand by Synchronization in distributed operating system?

Q2. Write the short notes on physical and logical clock?

Q3. Describe Semaphores in terms of DOS?

Q4. Explain Critical region and mutual exclusion in distributed system?

Q5. Describe Ring and Bully's algorithm?

Unit 3

Q1. Explain Bankers algorithm for deadlock?

Q2. Describe deadlock and their avoidance techniques?

Q3. Discuss the centralized and distributed methods of deadlock detection?

Q4. Define safe and unsafe states of system in deadlock avoidance scheme?

Q5. Prove the following resources allocation policies prevent deadlock prevention?

Unit 4

Q1. Write the short note on DFS?

Q2. Explain Diskless workstation?

Q3. Explain these terms with related to DFS naming transparency, file caching, performance ?

Q4. Explain the consistency model?

Q5. Describe the system model of DFS?

Unit 5

Q1. What are the design issues of DSM?

Q2. What is Thrashing? Discuss it?

Q3. Explain the various design issues of V-system?

Q4. Explain MACH DOS

Q5. Describe all real DOS?