

### UNIT-3 (REFER UNIT-3 NOTES.doc, PPT IN WORD DOC)

- 1) What are the advantages and disadvantages of using locks and keys as an access control mechanism in information security compared to other methods like role-based access control or discretionary access control?  
Explain in detail how locks and keys be used as an access control mechanism in information security .
- 2) What are the fundamental differences between Access Control Lists (ACLs) and Capabilities as access control mechanisms, and how do they influence the security and management of resources?
- 3) What are the fundamental principles that underlie the concept of information flow and confinement in computer security, and how do they relate to one another?

### UNIT-4 (REFER NOTES.DOC)

- 1) What is Sphere of protection, Defense in Depth and Security perimeter? What are the key technological components used for security implementation?  
  
Explain in detail about design of security architecture.
- 2) Discuss in detail about NIST security models publications.
- 3) How can organizations ensure that their contingency plans for information security align with their overall business continuity strategy?

### UNIT-5 (REFER NOTES.DOC)

- 1) How Scanning and Analysis tools are useful in enforcing Information Security?
- 2) How do intrusion detection systems fit into the broader information security landscape, and what are their limitations in providing comprehensive protection for organizations' data and assets?