

Code: 20222

B.Sc. (I.T.) Semester -2

Network Management and Information Security

Time: 2:30 Hours

Oct-2017

Total Marks: 70

- Q-1 Attempt the following questions [14]
a) Explain Confidentiality, Integrity, and Availability security triad.
b) Define terms : DoS, Threats, Vulnerabilities, Unauthorized Access
- OR
- Q-1 Attempt the following questions [14]
a) What is Security? Explain in detail.
b) Write a detail note on Types of Attacks
- Q-2 Attempt the following questions [14]
a) Write a note on Security Services.
b) Explain OSI model
- OR
- Q-2 Attempt the following questions [14]
a) What is Symmetric and Asymmetric Key? Explain
b) Explain : TCP and UDP
- OR
- Q-3 Attempt the following questions [14]
a) Explain any three network attacks
b) Write a note on IPSec
- OR
- Q-3 Attempt the following questions [14]
a) Explain VPN in general.
b) Explain PPTP and L2TP protocols.
- Q-4 Attempt the following questions [14]
a) What is Authentication? Explain types Authentications
b) What is Password Vulnerabilities? Explain types of vulnerabilities
- OR
- Q-4 Attempt the following questions [14]
a) What is Biometric Technique? Explain.
b) Write a note on Password Policies and Disciplines.
- Q-5 Attempt the following questions [14]
a) Write a note on Firewall
b) Write a note on Viruses
- OR
- Q-5 Attempt the following questions [14]
a) What is Biometric Authentication? Explain.
b) Explain terms: Digital Certificates, Cookies, Parental Control on Internet