

CS707 – Network Security

Final Term Papers 2016

CS707 Paper 2: 25-08-16

- Q1. What is R64 conversion? (5)
- Q2. Define concepts of MINE and S/MINE? (5)
- Q3. Differentiate between HTTP and HTTPS? (5)
- Q4. List and briefly describe techniques used to avoid guessable password? (10)
- Q5. Why is the authentication header (AH) mode of IPSec incompatible with network translation (NAT) schemes? (10)
- Q6. Describe how hosts (computer and servers) can be hardened to protect against threats (elements of host hardening)? (10)
- Q7. Which are the types of access control lists for traffic filtering on switch (15)

CS707 Paper 2: 28-08-16

- Q1. Diff b/w HTTP and HTTPS
- Q2. Diff b/w Kerberos version 4 and version 5.
- Q3. Non- mobile malware.
- Q4. Vulnerability scanning and its functionalities.
- Q5. Note on Pretty Good Privacy.
- Q6. Suppose You are using laptop computer, what types of threats occur, and what measures are taken to avoid from threats.
- Q7. Types of access control lists.

CS707 Paper 3: 28-08-16

- Q1. Difference between tunnel mode and transport mode?
- Q2. What are possible vulnerabilities exploited by penetration testing?
- Q3. What features are available on Layer 2 (port level traffic) to protected against attack?
- Q4. Why PGP generates signature before applying compression?
- Q5. Describe four techniques of Firewall to control access and enforce security policies?
- Q6. How security of personal computer is managed using network access control?
- Q7. What are Methodologies of IDPS?