

ROLL No:

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Total number of pages:[1]

M.Tech.-CSE 3rd Sem**Network Security and Ethical Hacking****Subject Code: MITE0-F92****Paper ID: _____****Time allowed: 3 Hrs****Max Marks: 60****Important Instructions:**

- Attempt all questions
- Each question carries 12 marks

- Q1 Define Network Security. Write the functionality and ease of use triangle?
OR (CO1)
What is Ethical hacking? Explain phases of hacking in detail?
- Q2 What is foot printing, and also explain information gathering methodologies used by hacker?
OR (CO2)
Explain penetration testing, Threat, attacks, and vulnerabilities occur in network security?
- Q3 Discuss the Role of Eavesdropping in System Hacking also discuss the methods of password cracking?
OR (CO3)
Write a Short Note on: (i) IP Spoofing (ii) HTTPs Sniffing (iii) DNS Sniffing
- Q4 Define Trojans? Explain its Types along also discuss about Indication of Trojan attack?
OR (CO4)
What is Session Hijacking? Explain Different Phases of Session Hijacking along with session hijacking Tools?
- Q5 Discuss 802.11 Standard and explain How WEP keys helps in securing Wireless Networks, and its vulnerabilities to different attacks?
OR (CO5)
Write a Short Note on: (i) Wireless DOS attacks (ii) WLAN Scanners (iii) WLAN Sniffers