Malware and Threat Detection

# 1. What are the different types of hacking methods?

Common hacking methods include phishing, keylogging, malware attacks, denial of service (DoS), SQL injection, man-in-the-middle attacks, and brute force attacks.

# 2. Explain Types of Password Attacks

Types include brute force attack, dictionary attack, keylogger attack, phishing, credential stuffing, and rainbow table attacks.

# 3. Explain Password Cracking Tools: pwdump7, Medusa and Hydra

pwdump7 extracts password hashes from Windows. Medusa is a fast brute-force, parallel login tool. Hydra supports numerous protocols to crack passwords.

# 4. Explain Types of Steganography with QuickStego and Echo

Steganography types include text, image, audio, and video steganography. QuickStego hides text in images, while Echo uses audio files to hide data.

# 5. Perform Practical on Key Logger Tool

Keylogger tools record keystrokes on a device. Practicals involve installing a keylogger (e.g., Spyrix) and observing keystroke capture in action.

# ● Malware

# 1. Define Types of Viruses

Types include file infector viruses, macro viruses, polymorphic viruses, boot sector viruses, and resident viruses.

# 2. Create Virus using Http Rat Trojan Tool

HTTP RAT Trojans are remote access tools. A virus can be created by configuring the tool to generate a payload that gives access to the attacker.

# 3. Explain any one Antivirus with Example

Avast Antivirus detects and removes malware in real-time. It offers features like web protection, email security, and firewall control.