28811-Anuj Virus and Worms Learning Module

1. Virus

1   What it is: A malicious code that attaches to clean files and spreads.

2   How it spreads: Through infected files, USBs, email attachments.

3   Detection: Antivirus scans, unusual system behavior, slow performance.

4   Prevention: Updated antivirus, avoid suspicious downloads.

2. Worm

1   What it is: A standalone malware that replicates itself to spread.

2   How it spreads: Through networks, exploiting vulnerabilities.

3   Detection: Network traffic spikes, multiple login attempts.

4   Prevention: Firewalls, patching systems, intrusion detection systems.

MCQ Time!

Q1. What is the main difference between a virus and a worm?

1   A. A virus spreads through networks, a worm needs a host file

2   B. A worm spreads through networks, a virus needs a host file

3   C. Both are the same

4   D. Worms are only found in emails

Answer: B

Q2. Which of the following is a common sign of a worm infection?

1   A. Blue screen of death

2   B. High network traffic

3   C. Missing desktop icons

4   D. Slow mouse movement

Answer: B

Q3. Which tool is best for detecting viruses?

1   A. Firewall

2   B. Packet sniffer

3   C. Antivirus software

4   D. VPN

Answer: C