

BHARATI VIDYAPEETH INSTITUTE OF TECHNOLOGY
QUESTION BANK
Unit Test-II

Program: - Computer & Information Engineering

Program Code:- CM/IF

Course Title: - Digital Forensic and Hacking Techniques

Semester: - Sixth

Course Abbr & Code:-DFH (316315)

Scheme: K

CHAPTER-3 (DIGITAL EVIDENCES) (CO3)

2 MARKS

1. What is hashing in digital forensics?
2. List any four hashing algorithms.
3. What is forensic cloning? Give purpose.
4. Differentiate Live Acquisition and Dead Acquisition (any two points).
5. What is forensic image format? Give example3.

4 MARKS

1. Explain hashing and any four hashing algorithms with uses.
2. What is cloning? Explain purpose, process and risks/challenges in cloning.
3. What are the advantages of live Acquisition?
4. What are the principles of Live Collection?

CHAPTER-4 (BASICS OF HACKING) (CO4)

2 MARKS

1. Define Ethical Hacking.
2. What is malicious user/hacker?
3. List any four dangers to computer systems.
4. Define Nontechnical attack.
5. What is Operating System attack? Give example.
6. List any four ethical hacking principles.
7. Define Application level attack.

4 MARKS

1. Explain ethical hacking principles in detail.
2. Describe need for ethical hacking / hacking your own systems.
3. Explain any four types of attacks/dangers to systems?
4. What is Ethical Hacking? Explain process of ethical hacking?
5. Write a note on obeying ethical hacking principles?
6. Explain symptoms of any four types of attacks on computer systems.
7. How hackers beget Ethical hackers?

CHAPTER-5 (HACKING TECHNIQUES) (CO5)

2 MARKS

1. Define Scanning in ethical hacking.
2. What is Phishing attack?
3. Define Watering hole attack.
4. What is MAC daddy attack?

4 MARKS

1. Define Ethical Hacking and Penetration Testing. Differentiate them (any four points).
2. Explain phases of Ethical Hacking in detail
3. Describe Network Infrastructure Vulnerabilities with examples.
4. Explain any four techniques in Scanning phase
5. What is Social Engineering? Explain any four types of social engineering attacks.
6. Write a note on Network Hacking techniques?
7. Explain Post Exploitation phase in ethical hacking?