

DIGITAL FORENSIC

UNIT 1

What is computer forensics? Discuss its objectives, roles and priorities.

Explain the processing steps of conduction of Investigation.

Differentiate between open system and closed system.

Discuss the topic "society would be better without digital devices".

Describe examination principle and discuss seizure issues.

What are the roles played by digital devices in forensic?

What is mean by previewing and imaging? Explain online and offline previewing and imaging.

Explain some digital devices used in society which is responsible for crime.

Analyse the concept of knowing and unknowing crime.

State some Networked devices which are responsible for crime

Explain device handling and examination principles in detail.

UNIT 2

What is Internet Protocol Suite? Explain the TCP/IP mode with respect to digital forensics.

Draw a neat sketch of seven element security model and explain it in detail.

Write short note on : Evidence Interpretation & Collection.

Explain OSI model with respect to digital forensics.

Write short note on i) PDA ii) GPS DNS

Explain developmental model of digital systems.

Write short note on: i) Cell phone forensic ii) Audit and logs

What are the various problems with computer Forensic evidence.

UNIT 3

What are the services provided by computer forensics?

Explain computer forensic Assistance to human resources and employment proceedings.

What are the steps taken by computer Forensic specialist.

What is computer crime? Discuss roles, objectives of computer forensics.

Who can use computer Forensic evidence and how can computer Forensic evidence are useful to us.

What are the benefits of professional Forensic methodology?

UNIT 4

Explain the various types of military computer forensic technology. Write on CFX 2000 Schematic with figure.

What are different tips to avoid computer virus, Trojan and worm programs.

Write short notes on encryption methods.

Explain Internet tracing methods.

How a computer forensic technology are used in law enforcement.

How will you catch hidden data? How to find it? Is there any technique to find it? Explain.

Explain different types of Business Computer forensics technologies.

Explain how the data will be protected from being compromised?

Explain spyware and adware in detail.

Mirror Image Backup software.

Anadisk Diskette Analysis Tool.

Text search plus

UNIT 5

Discuss about Homeland Security System (HSS).

What is computer forensics incident response procedure? Explain it.

Justify the use of Risk management techniques in fighting cybercrime.

Describe forensic process improvement.

Describes ways by which cyber crime occurs and how cyber detective track them.

What is CFIRP.

Enlist and explain computer forensic Investigation services.

Computer intrusion detection service ii) Digital evidence collection iii) Evidence capture iv) Litigation support and insurance claims.

Explain any two case studies for Forensic cases.

UNIT 6

Justify the statement "Hack yourself before somebody else does".

Illustrate how privacy of individual is violated? Device some solution to stop it.

What are hacking and differentiate between good and bad hacker.

Discuss the topics i) Computer Free Encryption ii) Public key Encryption

What are advanced trackers? Explain how hackers work

Name the risk hacking process for national security?

Write short note on Identity theft.

Why hacker hacks? What is white hats.

What are the techniques of Fighter Cyber Crime with risk management techniques? Hint: a) Effective IP & Staff Policies. b) Vendor tools of trade c) Effective procedure