

Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2019

Course: B. Tech. CSE with CCVT
Subject: Cyber Forensic
Subject Code: LLBL 704

Semester: VIII
Time: 03 hrs.
Max. Marks: 100

Instructions: The marks for each question are given before.

SECTION A

S. No.		Marks	CO
Q 1	Explain how intruders make use of social engineering & reverse social engineering to achieve their motive?	5	CO1
Q 2	Explain the process of data recovery and analysis.	5	CO2
Q 3	Differentiate between Virus and Worms with suitable example.	5	CO4
Q 4	What is DoS attack? Methods of recovery from DoS attack.	5	CO4

SECTION B

Q 5	Explain in detail the steps involved in computer evidence handling.	10	CO3
Q 6	Explain incident response. Discuss various goals of incident response.	10	CO2, CO3
Q 7	Explain Online Anonymity. Draw and discuss a model of self-protection.	10	CO4
Q 8	What is digital forensics? What are the phases of digital forensic process?	10	CO3

OR

	Explain Forensic science. Discuss the various areas where forensic is used.	10	CO3
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SECTION-C

Q 9. A.	What is termed as cyber crime under IT Act 2000?	7	CO4,
B.	How do we classify and differentiate between various types of cyber crimes?	13	CO5
Q 10	Explain the following terms: i. Search and seizer of computers ii. Recovering the deleted evidences iii. Password cracking. iv. Security standards	20	CO2, CO3, CO4

OR

	Explain the following terms: i) Private Key Encryption. ii) Public Key Encryption iii) File formats & carving iv) Digital Stratigraphy v) Software Firewall	20	CO1, CO4
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SECTION A

S. No.		Marks	CO
Q 1	What is incident? Explain incident response.	5	CO2
Q 2	What is cyber bullying?	5	CO4
Q 3	Differentiate between Virus and Worms with suitable example.	5	CO4
Q 4	List the various steps to collect data in Unix system.	5	CO2, CO4

SECTION B

Q 5	Explain the process of Documentation and Reporting of digital evidence.	10	CO3
Q 6	Explain the process of email tracking. Discuss the various methods of email recovery.	10	CO4
Q 7	What is network forensic? Discuss the various tools used in network forensic.	10	CO3
Q 8	Why is there a need for forensic while investigating the crime scene?	10	CO3

OR

	What is Vein matching? How is it used in forensic examination?	10	CO3
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SECTION-C

Q 9	Explain various techniques of data recovery and analysis	20	CO1, CO2
Q 10 A	Discuss the following crimes and provisions termed under IT Act 2000 – i. Internet hacking ii. Cracking virus iii. Software piracy, iv. Intellectual property v. Pornography.	20	CO2, CO4, CO5

OR

	Explain the following terms: v. Search and seizer of computers vi. Recovering the deleted evidences vii. Password cracking. viii. Security standards	20	CO2, CO4, CO5
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