Name: Enrolment No:	UPES UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, June 2020

Course: Cyber Forensic 　　　　　　　　　　　　　　　　Semester: VIII
Program:B.Tech CSE (CCVT+Mainframe+OSS+TI+BAO+BFSI)　　Time　　: 03 hrs.
Course Code: LLBL704 　　　　　　　　　　　　　　　　　Max. Marks: 100

Instructions: Attempt all Sections

SECTION A

Attempt all questions. Each question carries 5 marks 　　　　　　　　　**[30 marks]**

S.No.		Marks	CO
Q1	In OSI model, the dialogue control and token management are responsibility of _____. a. Session Layer　　b. Network Layer　　c. Transport Layer　　d. Data Link Layer	5	CO1
Q2	The main purpose of data protection act is to _____. a. protect privacy　b. prevent virus　c. increase security　　d. reduce failure	5	CO1
Q3	Why would a hacker use a proxy server? a. for stronger connection　b. for ghost server　c. for remote access　　d. for hiding malicious activity	5	CO2
Q4	Which of the following is not a factor in securing the environment against an attack on security? a. education of attacker　　b. system configuration　　c. network architecture　　d. business strategy	5	CO2
Q5	Sniffing is used to perform _____ fingerprinting. a. passive stack　　b. active stack　　c. scanned　　d. passive banner grabbing	5	CO3
Q6	What security tradeoff occurs while using Intrusion detection system? a. Change in permission　　b. login failure　　c. change in privilege　　d. performance degradation	5	CO2

SECTION B

Attempt all questions. Each question carries 10 marks 　　　　　　　　　**[50 marks]**

Q7	Discuss the Digital Forensic life cycle phases.	10	CO1, CO3
Q8	Elaborate on the relevance of OSI model to Computer Forensics.	10	CO3, CO4
Q9	Explain the various challenges to Indian Law and Cyber Crime Scenario in India	10	CO4
Q10	What is Cyber Forensic Investigation? Differentiate between auditing and Cyber Forensic Investigation with respect to following elements: Definition, Objectives, Scope and Methodology.	10	CO5
Q11	Discuss about techniques for obtaining password for the purpose of accessing a system. Explain them **OR** Explain the steps taken to protect from Trojan Horses and Backdoors.	10	CO5

SECTION C

Attempt all questions. Each question carries 20 marks 　　　　　　　　　**[20 marks]**

Q12	Create a cyber-crime incident handling response process for an organization. **OR**	20	CO5

	Bring out the key dimensions that you would consider for protecting an organization's information assets.		