



Name:

Enrolment No:

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2023

Course: Introduction to Cyber Crime Investigation

Program: MCA

Course Code: CSCS7008P

Semester: II

Time : 03 hrs.

Max. Marks: 100

Instructions:

SECTION A
(5Qx4M=20Marks)

S. No.		Marks	CO
Q 1	Elaborate the benefits for investigator if a faraday bag used while seizing mobile phone.	4	CO1
Q 2	Differentiate logical backup and Bit Stream Imaging.	4	CO2
Q 3	List the different sources of Digital Evidence.	4	CO3
Q 4	List the of question to be answer during the investigation and seizure of evidence.	4	CO1
Q 5	Explain the role of NASSCOM DCI Initiatives.	4	CO2

SECTION B
(4Qx10M= 40 Marks)

Q 6	Explain the role of different investigation tools and equipment used cybercrime investigation.	10	CO1
Q 7	Elaborate the concept of cyber forensic. List the crimes targeting using computer system.	10	CO2
Q 8	Explain the procedure for gathering evidences from live system [switched-on system]	10	CO1
Q 9	Provide the classification of Cyber Forensics. How we take evidence of Drives information. Or Elaborate on Security Issues related to Physical Security. How can we relate Physical and Cyber Security.	10	CO2

SECTION-C
(2Qx20M=40 Marks)

Q 10	Elaborate the role of Digital Data Protection Bill 2022. How it will be useful in email investigations and mobile investigations. Or Design the steps for legal procedure to gather information from outside India MLAT (Mutual Legal Assistance Treaty). Map the major cybercrimes with ITA 2008 , IPC and special and local law.	20	CO3
Q 11	List & elaborate Global banking fraud survey findings. How can we safe guard financial institutions for top risk cyber and data breaches. Design and follow the SOP for Digital Crime Investigation.	20	CO2