


Name:			
Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, May 2022			
Course: Introduction to Cybercrime Investigation Program: MCA Course Code: CSCS7008		Semester: II Time : 03 hrs. Max. Marks: 100	
Instructions: Attempt all Questions			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q1	Categorize the cyber-attacks on Individual, Organisation, Nation by taking atleast 2 examples of each.	4	CO1
Q2	What are the various purpose and motives behind cyber-attacks?	4	CO1
Q3	Define the following a) Phishing b) Botnets	2x2	CO2
Q4	Give 2 examples of each a) Interruption b) Modification	4	CO2
Q5	What are various types of threats?	4	CO2
SECTION B (4Qx10M= 40 Marks)			
Q6	A person received a phishing email mentioning that he has won a 1 million dollar lottery. Describe in your own terms what would be the Method—Opportunity—Motive (MOM) behind the attack.	10	CO2
Q7	What is Cyber Forensics? What are the major Expectations from Cyber Forensics?	10	CO1
Q8	What would be the Preliminary Interviews at the Scene of Offence that you would like to conduct as an investing officer at a cyber-crime scene?	10	CO3
Q9	Describe the steps that you would follow while acquiring the data in a cybercrime investigation. OR Describe the steps that should be taken while analysing the data in an investigation?	10	CO1
SECTION-C (2Qx20M=40 Marks)			

Q10	<p>Here is a case for you....</p> <p>Manik lal filed a written complaint that his daughter who was studying in class 9th was missing since two days. She had gone missing after celebrating her 15th year birthday. He further stated in his complaint that Naveen, who was his neighbor's son, was also missing and suspected that Naveen might have kidnapped his daughter.</p> <p>For the above case build your story of investigation. The story has to be divided in four phases:</p> <ol style="list-style-type: none"> 1. Identifying applicable Laws 2. Information gathering 3. Investigation and Analysis 4. Conclusion 	20	CO3
Q11	<p>Consider a scene of offence a home. Describe the steps taken by you as an IO for Pre-Investigation Technical Assessment. Explain reasons for each step.</p> <p style="text-align: center;">OR</p> <p>Describe the Cyber forensics process in terms of</p> <ol style="list-style-type: none"> 1. Assess the situation 2. Acquire the data: 3. Analyze the data 4. Report the investigation: 	20	CO1