UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2021

Course: Cyber Forensic
Program: B. Tech. CSE (Common paper)
Course Code: CSSF 4008

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

SECTION A

1. **Each Question will carry 5 Marks**
2. **Instruction: Complete the statement / Select the correct answer(s)**

S. No.	Question	CO
Q 1	List the popular cybercrimes against person.	CO1
Q2	Complete the following statement in context of the spirit of "forensic discovery" When you go looking for something specific, your chances of finding it are _____ because, of all the things in the world, you are only looking for one of them	CO4
Q3	Enumerate the popular information/cyber security standards followed during cybersecurity implementation.	CO5
Q4	State any two cardinal principle under law of evidence	CO2
Q5	Write down the stages of digital/cyber forensic process in the order they are executed.	CO4
Q6	Fill in the blanks Digital forensics is the use of _____ derived and proven methods towards the _____, collection, validation, identification, _____, interpretation, _____, and presentation of digital evidence derived from digital devices	CO1

SECTION B

1. **Each question will carry 10 marks**
2. **Instruction: Write short / brief notes**

Q 1	Enlighten how practices depends on standards which in turn depends on policies in context to information/cyber security implementation.	CO5
Q2.	Discuss your interpretation and opinion of the IT (Amendment) 2008 Act. Also mention whether it is well-used or misused by the Indian government in recent years (2018-2020).	CO2
Q3.	Highlight key features (1 line) about the most common cybercrimes against property. Also, don't forget to mention how they differ from each other.	CO1
Q4.	Enlighten cybercrime against nation (fake propaganda) in context to the ongoing farmer protest.	CO1
Q5.	Highlight key difference between physical and digital evidence. OR Discuss the different roles played by an electronic communication device (ECD) during cyber forensic process.	CO3

	SECTION C	
	1. Each question will carry 20 marks	
	2. Instruction: Write long answers.	
Q1	List popular cybercrimes committed via use of emails. Enlighten how email investigation helps in marking the type of cybercrime committed. Further, list and discuss the key features of email investigation and recovery tools and software. <center>OR</center> Discuss in detail on the key five steps involved during digital evidence handling procedure.	**CO3**