

**CMR TECHNICAL CAMPUS**  
**UGC AUTONOMOUS**

**B. Tech. VIII Semester Regular End Examinations, April-2024**

**Cyber Forensics**

**Department of CSM**

**Time: 3 Hours**

**Max. Marks: 70**

**Note**

- i. This Question paper contains Part- A and Part- B.
- ii. All the Questions in Part A are to be answered compulsorily.
- iii. All Questions from Part B are to be answered with internal choice among them.

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**PART-A**

**10 X 02 = 20 Marks**

	Marks	CO	BL
1. a	2	CO1	L1
b	2	CO1	L1
c	2	CO2	L1
d	2	CO2	L1
e	2	CO3	L1
f	2	CO3	L1
g	2	CO4	L1
h	2	CO4	L1
i	2	CO5	L1
j	2	CO5	L1

**PART- B**

**5 X 10 = 50 Marks**

	Marks	CO	BL
2. a	5	CO1	L2
b	5	CO1	L2
OR			
3. a	5	CO1	L1
b	5	CO1	L2
4. a	5	CO2	L2
b	5	CO2	L2
OR			
5. a	5	CO2	L2

- process, and how can they be mitigated?
- b What is meant by a forensic duplicate (or qualified forensic duplicate) of a hard drive, and why is it important in digital forensics? 5 CO2 L2
- 6 a List and explain forensic data tools. 5 CO3 L2  
b How are standard procedures developed for network forensics? 5 CO3 L2
- OR
- 7 a Explain how to validate Forensic Data with an Example? 5 CO3 L2  
b Write short notes on network forensic overview. 5 CO3 L2
- 8 a List and Explain the five major categories for further refining data analysis and recovery. 5 CO4 L2  
b What do you understand by mobile device forensics. Explain 5 CO4 L2
- OR
- 9 a How does email serve as a critical source of evidence in digital investigations? 5 CO4 L2  
b Can you name some popular command-line forensics tools and describe their primary functions? 5 CO4 L2
- 10 a Write short notes on Windows Registry 5 CO5 L2  
b Explain the NTFS Encrypting File System 5 CO5 L2
- OR
- 11 a Analyze startup tasks of MS-DOS. 5 CO5 L2  
b What is a virtual machine (VM), and how does it differ from a physical machine? 5 CO5 L3

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