Reg No.:_____ Name:_____

0520MCA267122101

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Third Semester MCA (2 Year) Degree Examination December 2021

Course Code: 20MCA267
Course Name: CYBER FORENSICS

Max. Marks: 60 Duration: 3 Hours

PART A

Answer all questions, each carries3 marks. Marks

1	How cyber crime related to cyber forensics?	(3)
2	What do you mean by 'Forensic Copy'?	(3)
3	Write down the different steps involved in boot sequence?	(3)
4	Mention any six Windows Registry terminology.	(3)
5	Compare hard and soft links.	(3)
6	Figure out resource and data fork in a Macintosh operating system file.	(3)
7	Point out three methods of mobile forensics process.	(3)
8	List down any six uses of Wireshark tool.	(3)
9	What are the different types of reports in cyber forensics?	(3)
10	Which are the factors that courts have used in determining whether to disqualify an expert?	(3)

PART B

Answer any one question from each module. Each question carries 6 marks.

Module I

11	Explain the various steps involved in cyber forensics investigation.	(6)
	OR	
12	Illustrate the areas of cyber forensics.	(6)

Module II

13	How SSD differ from HDD? Explain.	(6)
	OR	
14	Mention any one computer hardware encryption program. Explain	(6)

Module III

15		Differentiate between HFS & HFS+ file systems.	(6)

OR

16	(a)	What are the information contained in an inode, when a file or directory is created on a UNIX file system?	(3)
	(b)	How inode pointers works in LINUX file system?	(3)

Module IV

17		Explain smartphone specific hardware options.	(6)

OR

18		Discuss mobile forensics tools.	(6)

Module V

19		Write down cyber forensics report structure.	(6)

OR

20		List and explain the steps involved in generating forensics report using Autopsy tool.	(6)

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