18SFC323

(10 Marks)

Third Semester M.Tech. Degree Examination, Dec.2019/Jan.2020 Mobile Device Forensics

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

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			Module-1	
	1	a.	Explain Android Forensics open source project.	(10 Marks)
		b.	Explain Android platform of forensics in brief.	(10 Marks)
			OD	
	•		OR	(10 Mayles)
	2	a.	Explain the basic commands of Linux used in forensics.	(10 Marks)
		b.	Explain Internationalization in an android forensics.	(10 Marks)
			Module-2	8.
	3	a.	Explain the boot process of android in detail.	(10 Marks)
		b.	Explain overview of core components of mobile device forensics.	(10 Marks)
			OR	(10.141)
	4	a.	Explain an Android forensics market in detail.	(10 Marks)
		b.	Explain the overview of different android devices types in detail.	(10 Marks)
			Module-3	
	5	a.	List the manufactures of android devices and explain android updates.	(10 Marks)
		b.	Explain android platform in detail.	(10 Marks)
	_		OR	(10 Manles)
	6	a.	Explain specific devices of android.	(10 Marks) (10 Marks)
		b.	Explain android OS architecture.	(10 Marks)
			Module-4	
	7	a.	Illustrate USB debugging and android debug bridge in detail.	(10 Marks)
		b.	Explain android devices as a data theft targets and different types of data.	(10 Marks)
	2		OR	(10 Manles)
	8	a.	Explain mobile device forensics and SDK in detail.	(10 Marks)
		b.	List techniques, attackers use to compromise data in transit and explain man in	(10 Marks)
			attack.	(10 Marks)
			Module-5	
	9	a.	Explain Android devices as an attack vender.	(10 Marks)
		b.	Explain the followings:	
			i) Open source and close source	(1035.1)
			ii) Encrypted NAND flash.	(10 Marks)
			OR	
	10	a.	What is security philosophy? List various US Federal computer crime laws and	regulation.
	- •			(10 Marks)

b. Explain Remote Device Management in detail.

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.