Enrolment No. 2034

Date: 12/07/2023

## Seat No.:

## NATIONAL FORENSIC SCIENCES UNIVERSITY

M.Sc. Cyber Security - Semester - II - July-2023

Subject Code: CTMSCS SH P3		ate. Law.	
			otal Marks: 100
Instr	uctions		
1849033	1 1	rite down each question on a separate page. igures to the right indicate full marks.	Marks
0	Atte	mpt Any 3 Questions (8 Marks each)  Explain Android Architecture in detail.  What is Application Sandboxing? Explain Secure IPC	24
7	(6)	What is ADB? Explain ADB Commands with example	of
0		an we also make	24
63		mpt Any 3 Questions (8 Marks each)	
	-10	Explain Android Boot Process in Detail.  What is the use of Android Manifest? What we can write into	
0	4 (b)	ve to the Evalue it with example of Manifest Inc.	
	0	List OWASP Top-10 vulnerabilities for Mobiles. Explain any	roe
	. @	vulnerabilities in details.	
0		2 Charle such)	24
RB		mpt Any 3 Questions (8 Marks each)  What is App Permission? Write a steps to request the permission	na:
0	(8)	Explain Mobile Application Security Pen-Testing Strategy	
	(9)	What is Reverse Engineering? Explain it using APK Tool	
	(0)	What is Intent? Explain types of Intent with example.	
		and the second second	14
Q.4	Atte	mpt Any 2 Questions (7 Marks each) Explain MobSF (Mobile Security Framework) in detail?	
	(0)	Explain Security Auditing with Drozer.	
	200	Explain QARK with features, advantage, modes, pros and cons.	
	·16)	Explain QARK with relition advantage.	
0.5	5 A160	mpt Any 2 Questions (7 Marks each)	14
V	.00	What is Android Traffic Interception Explain ways to analy	ze the
	0	Android traffic	
	(b)	Explain Dynamic Instrumentation using Frida with commands.	
	- (6)	Laplain step by step Active Analysis of Android Traffic using I	torp

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