SAKARGAD – II (2014 COURSE) : WINTER-2016 SUBJECT: NETWORK SECURITY: MODULE – II

Day Date		Time: 10.00 A·M·To 1.0 Max. Marks: 100		M.
N.B.	1) 2) 3) 4)	Q.4 and Q.8 are COMPULSORY. Out of the remaining attempt questions from each Section. Figures to the right indicate FULL marks. Answers to both the sections should be written in SEPARATE and Draw diagrams wherever necessary.		
	1 6 94			
0.1	->	SECTION – I Define the following terms:	(08)	e
Q.1	a)	i) Ethical Hackerii) Crackeriii) Phreaker		
	b)	iv) Script Kiddie What is Kali Linux? Explain its features.	(08)	
~ ~	(What is IDS? Explain its type.	(08)	
Q.2	a) b)	Explain steps of Ethical Hacking.	(08)	
0.2	- \	Describe TCP three way handshaking.	(08)	
Q.3	a) b)	What is sniffing? Explain types and counter measures.	(08)	
Q.4	b)	Write short notes on any THREE: Key loggers Malwares Session Hijacking attack Risks associated with web applications	(18)	
		SECTION – II		
Q.5	a)	What is Buffer overflow attack? Explain stack and heap based buff	er overflow (08)	
	b)	attack. State its counter measures. What do you mean by Social Engineering? Explain in brief. i) Shoulder surfing ii) Dumpster diving iii) Tailgating iv) Phishing	(08)	
Q.6	a) b)	Explain its types	wares. (08) (08)	
Q.7	7 a) b)	· · · · · · · · · · · · · · · · · · ·	ptography. (08) (08)	
Q.8	a) b) c) d)	Blue tooth	(18)	

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SUBJECT: NETWORK SECURITY: MODULE - II						
Day Date	Monday Time: 10.00 A·M.7 Max. Marks: 100	100 P.M.				
N.B.	 Q.4 and Q.8 are COMPULSORY. Out of the remaining attempt any TWO questions from each Section. Figures to the right indicate FULL marks. Answers to both the sections should be written in SEPARATE answer book. Draw diagrams wherever necessary. 					
-	SECTION - I					
Q.1		(08)				
	iv) Script Kiddieb) What is Kali Linux? Explain its features.	(08)				
Q.2	TYTE CONTROL TO THE TYPE	(08) (08)				
Q.3	a) Describe TCP three way handshaking.b) What is sniffing? Explain types and counter measures.	(08) (08)				
Q.4	Write short notes on any THREE: a) Key loggers b) Malwares c) Session Hijacking attack d) Risks associated with web applications	(18)				
	SECTION - II					
Q.5	a) What is Buffer overflow attack? Explain stack and heap based buffer overflow	(08)				
	attack. State its counter measures. b) What do you mean by Social Engineering? Explain in brief. i) Shoulder surfing ii) Dumpster diving iii) Tailgating iv) Phishing	(08)				
Q.6	a) What is the need of Mobile security? Explain common mobile malwares.b) What is penetration testing? Explain its types.	(08)				
Q.7	a) What is Cryptography? Explain symmetric and asymmetric key cryptography.b) What is cyber crime? Explain its types.	(08) (08)				
Q.8	Write short notes on any THREE: a) Digital certificates b) SQL injection attack c) Blue tooth d) Email security solutions	(18)				