TIME: 21/2 Hours	,58	C. S. L.	· 60°	Totál Marks:	75
N. B.: (1) All questions are compulsor	cy S		77		r
(2) Make suitable assumptions	wherever nec	essary and s	tate the as	sumptions ma	ade.
(3) Answers to the same question		itten togeth	er.	Long con	40°
(4) Numbers to the <u>right</u> indicates		(2) -	- Com	£3,	3
(5) Draw <u>neat labeled diagram</u>(6) Use of <u>Non-programmable</u>	Clary			e e	14.
(c) 656 61 <u>1.161 p.162 411 111</u>	Co, cumiors 13.	2 C			0
1. Attempt any three of the followi	ng: 🐣		3		ر الأنتان 15 (الأنتان)
a. Describe three Ds of security in co	ontext of your	own home a	nd organiz	cation.	
b. Comment on "The defender has th	e impossible jo	ob of protect	ion than th	e job of attack	er."
c. Give the significance of a defense	model - Onio	n model		30.	.3
d. Explain the following: E-mail wor	rms, Trojans.	To the	Santa Company	Contract of the contract of th	0
e. List and brief the different form of	f Man-in the- i	niddle attacl	ks (MITM)		
f. Discuss three aspects of CIA triad		المحتورة المحتورة	200	70.	
	(6)	.5	45	16	10
2. Attempt any three of the following		(a)	Sp.	3, 6	15
a. What is the concept of zoning in the	ne fundamenta	storage inf	rastructure	? Explain.	
b. Explain the Certificate based mech	4 / "	· ·	and the same		
c. Describe the asymmetric and symr	netric key enci	ryption.	all of	40	
d. Discuss the concepts of different D	Database backu	ips.	him.	6	
e. Explain the following terms: Hijac	king, Phishing			,	
f. Summarize the steps of the authent	tication proces	s of Smart c	ard impler	mentation.	
	The control of the co	-	and the same		
3. Attempt any three of the following	ıg:	1			15
a. Explain the following terms: NAT,	PAT.				
b. Write a short note on the Cisco Hie	erarchical Inter	networking	model.		
c. Describe the concepts of Network I	1.0%	and one	, 17		
d. What are the mandatory features of	Firewall? Exp	olain.			
e. Explain switches and Hubs.					
f. Which are the different form of wir	eless attacks?	Explain.			
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4.	Attempt <u>any three</u> of the following:	15
a.	Give the significance of IDS.	. 90 . 37
b.	List and explain the steps of successful IPS deployment plan.	
c.	Describe the evolution of modern VoIP Communication with its components:	
d.	Explain Network Protocol Attacks.	***
e.	What are the types of classic security models? Explain.	
f.	Write a short note on Access Control List.	
5.	Attempt any three of the following:	15
a.	Explain the classification of corporate physical assets.	
b.	Which factors have to be considered in physical security while choosing a site-location?	
	Explain.	
c.	Write a short note on Custom Remote Administration.	5.
d	Describe the different phases of Secure Development Life cycle (SSDL).	50.
e.	Give the benefits of Cloud Computing Security services.	
f.	What are the general types of attacks in web applications? Explain.	

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