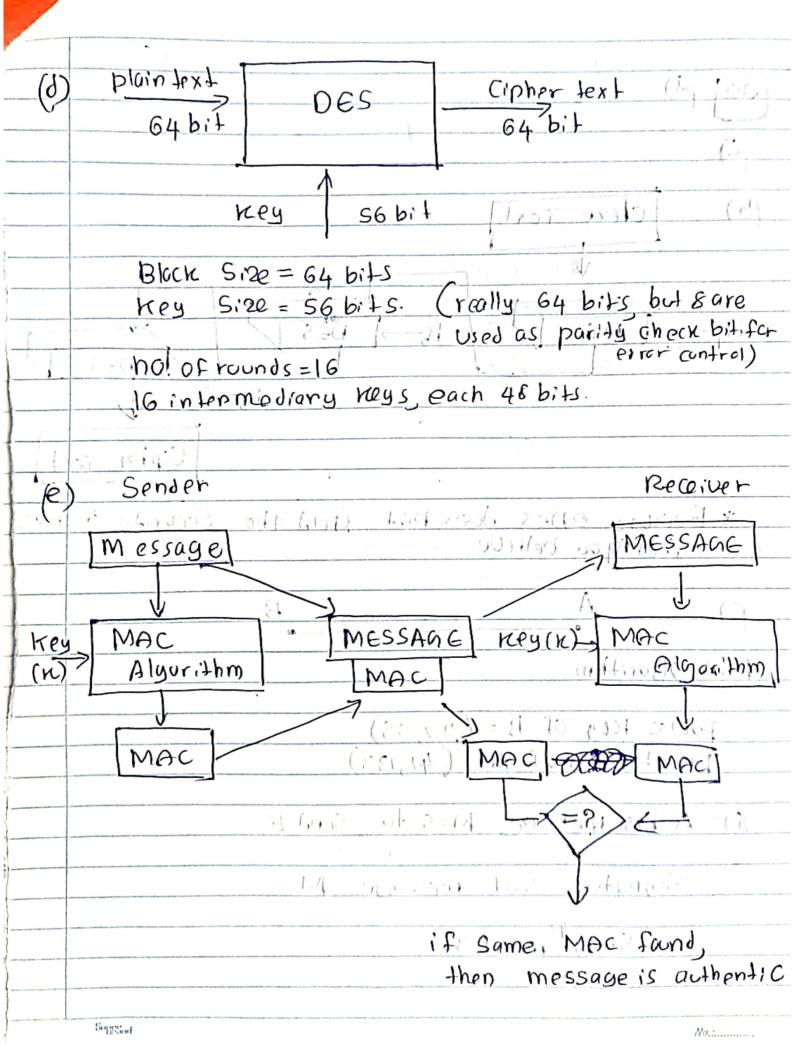
	Information System Security
	SCS 2214 2021
01	Attack
3 40 15 14	FITACIC
. \	A human explaitation of vulnerability
	SI SI I I I I M A M A SI SI MINISTER
-	Vulnenabili lity
1	2 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4	weakness in the Security System
,	
83	Control de 11 82 8 11 20 31 31 31 mount
	Sing grows
*	protective measure
+	On action/device or measure taken that removes
	reduces on neutralizes a vulnerability
į.	1 21 8 61 8 11 18 15 8 17 93 12 6
-	Problems
-	Consequences of unintentional acceptantal exports
_+	Consequences of unintentional acceptantal errors
,	the coal
	threat a let a particulate an errord tool asage is
-¥Ł	A . Set of orcumstances, that has a the potential to
7	Cause luss or harm
	(3102C) 1033 OF 1141111
	Risks
*	Probabilities that some threat or problem will occur
	due to System Vulnerabilities
-	Suggest Art.

Date:.....

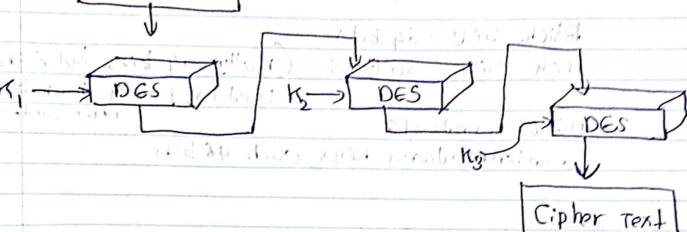
	Minorac andere acidentifical	
(b)	1. Encryption	
	2 SW & HWI Controls 1100 200	
	3. Policies	
	4. physical controls	(0)(10)
	J1) id	41.
<u>(</u> C)		
	reman exclusion for bulnesapility	IA x
plain	Texto V GRNAMCIPHE	R
	while did a more	101
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EQ	civalent motores pleasant training	103W j-
4 rand	70 11 10 02 14	4.8 88
Nun	bers o	-
	o in a support	
= 501	9 6 19 75 12 33 95 44 15 60 19 75 12	52, 105
	reduces to neutralises a colorenability	
= Mod	265 19 6 7 17 18 15 8 19 23 12	0
Cinh		1
Cipher		
12)	though refunction to consider	10 1
**	Crober level begree on Statestical and the	
	Ciphen text beans no Statistical relationsh	
	plain text Since for any plain text a any text there exist key mapping one to of	Ciphen
-	·	
	(1145 t 1 3 f) 1555 2	
). (1)
	how mylden we wir some Life intil do	17.1 2.
	College of the state of the sta	
	Singstand	Ис

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Date:....

(ii)	A encrypt message M=10	(+15)
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	5= 117 1-90 rotal oil 6000 006	
1.5	o Gasor C=61001 modosshort of bb 110 194 Pariso	4
	Cipher text=10 1500001 1500000 631900000	
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03	(a) (). Mac fasten than digitalisionature in	4
	1. Mac ance asylto use mitiganos rige c.	*
	2x20Ha lagratist	
(ii)). Public key infrastructure (prs)	<i>z</i> ĭ
ļ	b C Lles accessor C Sacreta a bes	(1)
*	provide foundation necessary for secure e-bus	cates
5	through we cryptographic they stand Certific	Correo.
0.3	since they moniton events local to a hist	
(b)	Unitherted by southers are tracted	
-	Consequence where instruction inaffic is engraphed	
	(1,00000)	(6)
	Molware, delection	
	2916/14090) 001.	
	emitilidação puntos	

Supplied

No.:....

04	(a) OT -IA DEDERSON TOPONS A (i)
*	Vpn connection established secure connection
	you and the internet
	500
4:	Using upn all data trafficulis routed through an
	en crypted virtual tunnel of trat today
	Circopico Ottada Follingi
١.	This discourse the all all the
-*	this disguise your ip address when you use internet
	Making 145 Weation missible to everyone ()
*	a vpn connection is also secure against
	enternal attacks
	m) public ice infrastricture (pict)
6)	
100	· Can detect of the chistophat Commotoseen by, WBIDS
(c)	: Can detect diffackish that Connot seem by WBIDS
	Since they moniton events local to a host
	(6)
	Unaffected by Switched networks
	Can openate where network traffic is encrypted
	Curr Openare strice in topic monte to energy to
(6)	Firewall
(0)	Malware telection
	vpn Capabilities routing Capabilities
	routing Capabilities
and the second	
	Segues No.:

E). Yes

Storing Salt in another table not really add any Significant security