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	P. 1
	Syllabus: RIb Class: BE Sub: CSL Sem: VII RegNo: 2017coz Seat No-7278650
	RegNo - 2017co2 Seat No - 7278650
10	MCQ
<u> </u>	Option: A: Social engineering aftack
2>	Option: C: Agræment
3>	Option: C: Testmony
4	Option: D: Logos names and brand
5>	Option: A: GLBA
6>	Option: B: Online Stalkers
7>	Option: C: Mishing
8>	Option: D: Computer based Social engineering
9>	Option: A: Citizen to Government
(0)	Option: D: Reject E-filing of data and information due to attack
41	



attack.

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	Syllabus: R16 Class: BE Sob: CSL Sem: VII Par
	Reg No-2017 (02 Seaf No: 7278650
Q2CA	DOS Aftack
	DA DOS attack is a Deviator Sois
	A DOS attack is a Denial of Service attack, in this attack Computer Sends massive amount of traffic
	to a viction composer sends massive amount of traffic
6	to a victims computer and shuts it down.
6	DOS affack is a online affack which is used to make
	the website unavailable for its user when done on a
	Website.
3	This attack make the server of a web site down which
	is Connected to internet by sending large number
	of traffic to it or sending large number of requests.
	o or
	DDOS attack
(i)	
	A distributed Denial of Service attack is Dos attack
	that comes from more than one Source at a time. Some
G1	time.
(3)	A DDOS attack is typically generated using multiple
<u>\ </u>	Computers or zombie machines.
3	These machine are injected with malware, allowing
	them to be controlled remotely by an affacker.
	This devices are referred as bots and group of bots is botnet
60	Once botnet has been established, the attacture is aby
	to direct an affact by Sending remote instructions
	to each bot
(5)	When victim server or network is targeted by botnet
	each bot sends resquests to the target's IP address
	potentially causing the server or network to be come flooded
	with requests, resulting an direa Denial of Service



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Q2 B	Security Challenges Posed by Mobile Davices
0	Due to the use of the hand-held devices, information
	can be taken outside the physically controlled environment
(3)	for the protected environment remote access is being granted
(3)	It is important that the organization shoold be awar
	about these cyberseconity Challenges in devoloping Suitable
G	Security operating procedure.
	Day by Day mobile users our increasing and due to this there are two challenges:
	i) The first problem is a the device level. It is also known as
	microchallenges
	i) The second problem is at the organizational level. It also
	Known as macrochallenges.
(5)	There are few well known frehnical challengus in mobile
	Seconity.
	Managing the registry security and Configurations.
l ii) Authentication Service Seconity, crypto graphy Sewrity
lii	1) Light weight Directory Access Protocol # (LDAP) Security
TIV	Remote access server (RAS) seconity, media plager
	Control Security
v)	Networking Application Program interface (API) Security.

		P9-4
	R16 BE Sem: VII Sub: CSL Scat No: 7278650	R2:
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Q2 E	Passive Attack:	
	In passive attack the attacker collect the i	
	The tranget without individual for Company's	
5.	For example, an attacker keep watch on on	
	at what time is entering the building and leavi	
(2)	attacker an also monitor the network traffi	
Ly JI	Sent using the monitoring tools.	
(3)	Attacker can get general information from the	tallowing ways
	i) Search engines: Searching the information abo	ut target
	on search engine like Google & Xal	
	ii) Social websites: By Surjing the Social websi	
	Facebook, Instagram etc an atta	clar can get
	information	
C Garage	in) Organization website: The organizational	vebsite also
	provide the personal information about	
	like contact details, email address etc.	
	iv) Network Snigging: In this aftack, the attack	her glresthe
1 2 2 1	information about the internet protocol ac	ldress ranges,
	hidden server or networks and other services or	n the System
	or network. The attacker monitors flow of	data check
	at what time certain transactions are taking	placeand
	when the traffic is going.	
	N) People Search: It gives details about perso	nal information
	when the traffic is going. N) People search: It gives details about perso like, daft of birth 1 residential ad	dress, Contact
and self-framework	humber efc.	
	vi) Domain name Confirmation: To carry out search names using a multiple keywords in ". com",	hes bux domain
	names using a multiple keywords in "Com",	" ·net", ·org"
	"edv", etc.	



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	P9-5
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A - International Control	
	& Active attack
0	An active attack includes examining the system or network
	find individual hast to affirm the data (Ipadoress.
	working framework type and form, and adminstrations on
	The System) accumulated in the passive attack stage
(2)	It includes the danger of identification and additionally
	called active reconnaissance.
	Active reconnaissance con give Confirmation to an attacker
	about seconty measures Setup, However the procedur
	can like wise expand the appaurtunity of being gotten or
	raise a doub 7.
4	Tools used during affine attacks are
	i) Bing: Used for Bondwidth ping
	ii) Hping: Used to send custom TCP/IP packets
	iii) Fping: Uses internet Control message protocol (ICMP)
	erho request
	iv) nmap: used for reconiassiance to get host, Os, version
	in la ett.
	V) Netrat: Used to read and write custom FCD/DBP packs.
- 1	TODINDS packets and to make Connection with nost.
	vi) Ping: Used to send IMP packets to target.
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		Date:
		Pg-6
		R16 BE Sem: VII Sub: CSL Seat No: 7278650
	Q3B	Attacks on wireless networks.
	()	wixless attacks con come at you through different
		methode like tricking Users, bruteforcing etc.
	(3)	Types of winders aftacks an Fallows
	(3)	Packet Sniffing:
		1) When information is send back and forth over network
		it is sent within what we call packets. Since winters
		traffic is e Sent over air it is easily Captured.
		ii) Lot of trayic (FTP, MITP, SHMIP etc) is sent over the
		network without any oncryption in cleartext form.
		iii) Sousing tools like wike shark and Durpsuite you
		Can capture the packet and read data in plain text.
	(Ja)	Rouge Acress point:
		i) when an importherized acress point (AP) appears or a
		network. it is refurred to as a roque access point
		ii) This APs represents a vulnerability to the network
		herauce they leave it open to variety of after the
		iii) This include Winerabilities like, ARP poisoning, Pactet
		Capture, Denial of Service attack.
	(£)	Password theft:
		1) when Communicating over to wixless network, like login
		in to cohoit using username and password, and if
		the site doesn't use SSL or TLS, That password is Sitting
		in plain text for an attacker to read.
-		In Plain Leri Julia
iA.		



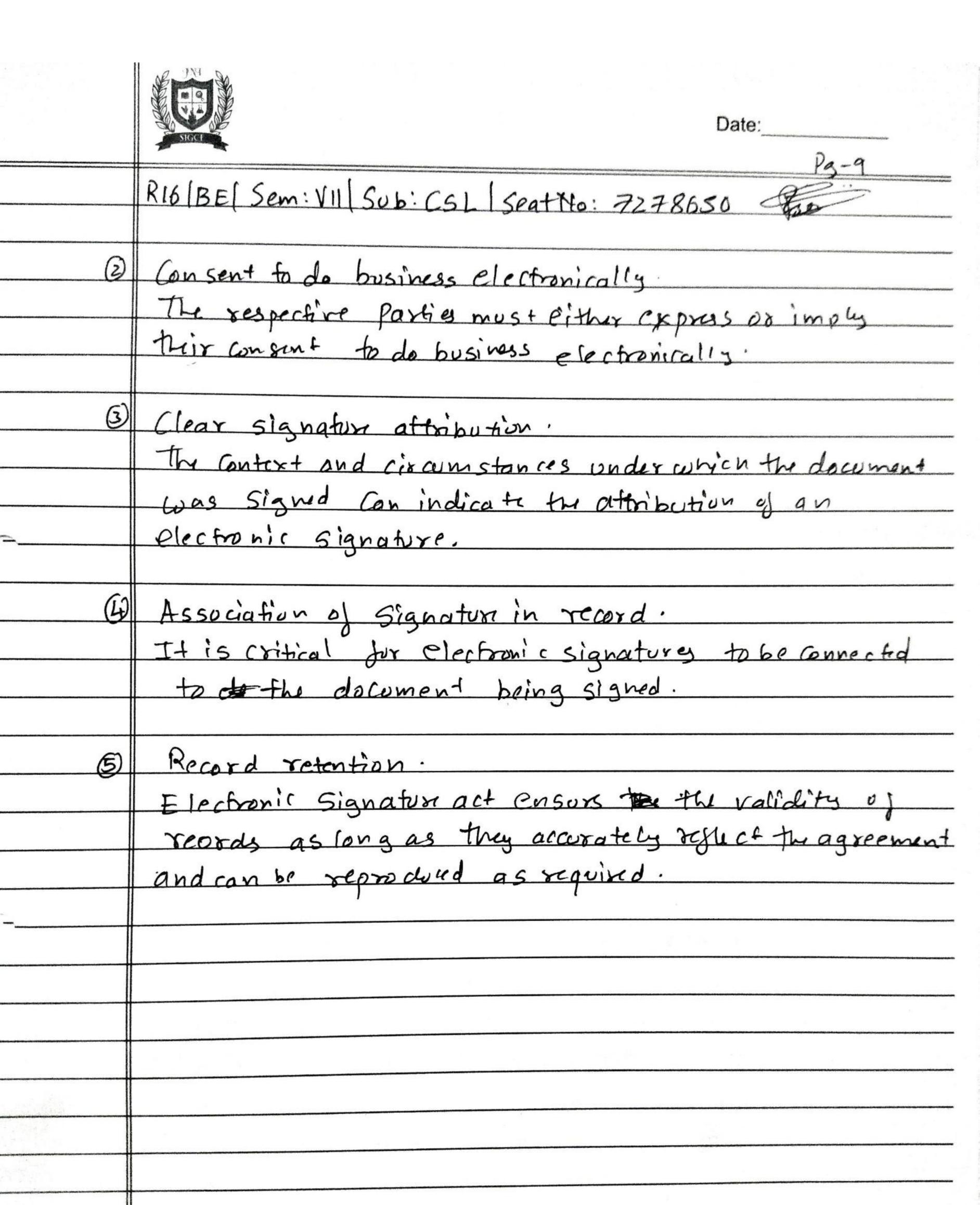
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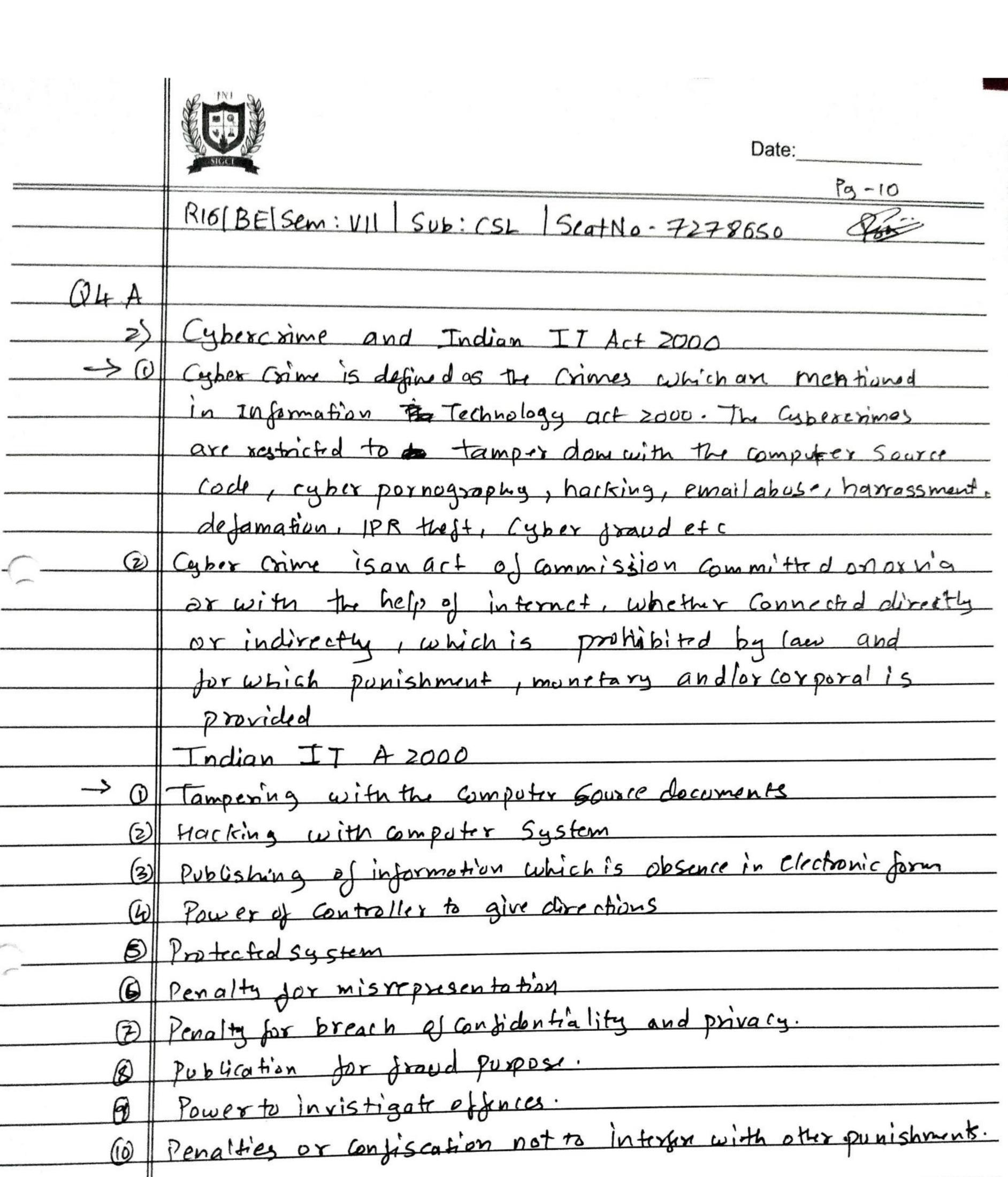
	P3-7
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3	Manin the middle affact.
	The procesible has hacken to twick Communicative
	devices in to Sending Their transmissions to the attackers. System.
	ii) there they can second the traffic to view Cline in partnet
	Sniffing) and even change the contents of files.
	Sniffing) and even change the contents of files. iii) Various types of malwar can be insisted into these
<i></i>	packets, emails confert could be changed or the traffic
Υ	Could be dropped so that Communication is blacked.
T	Jamming: There are number of ways to jam a wixeless
	network
	i) Flooding an AP with deauthentication trames overwhelmes
	the network and prevents legtimate transmissions from
	getting through. ii) This affack is little unu sual prob because there probably
	isn't angthing in it.
	15n t = ang 1mm In 17
8)	Bluetooth attacks: Thrank variety of Bluetooth exploits
	out then. These ranges from papup messages to Controll
	over victims bluefooth desice.
9	WEP[WPA attacks: As
	(a) Attacks on winters router (on be hoge problem. Older
	encryption Standards are extremely Vollnerable.
	ii) APs and vooters are hiding your It address from the
	broader infernet usind Network Addres translation (NAT)
	iii) It helps to exercint aftacks but dosent stops it
	Completely.



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	Pa-8
	RIB BE Sem: VII Sub: CSL SeatNo - 7278650 33
Q3A	Digital Signature.
>0	A digital Signatur is on electronic device method of
	illustrating the authenticity of a digital message or
	record. A substantial digital Signatur gives the
	recipent motivation to toust that he message was made
	by a known sender and that it was not changed in transit.
(2)	Algitia Digital Signature an regularly offitized for softwar
	Conveyance, money related exp exchanges and in
	different sita Situations when it is imperation to
	Fecipia. recognize impersonation or altering.
(3)	Following are the functions of digital signature
	a) to authenticate the document
	b) To identify the document
	c) Seaving the document from Jurgery
11	d) To make the contents of the document binding on person
	Putting digital Signature.
	e) Evidance for identification of document.
(4)	Digital Signature are used in P- Commerce and by
	e-governance gor the purpose of authentication. Digital
	Signature in ITACT 2000 means authentication of
	electronic record. Section 3 of IT Act 2000, describes
	authentication of electronic records.
	Leag Legal Architecture required for Validation of
	Digital Signatury.
(n)	Intent to sign & opt-out clause. Flectionic signatures a are valid if only a user demonstrates a clear intent to sign.
	Flactionic Signatures a are valid il only a user
	down to be a clear intent to sian.
	vemons rates vices in the very





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	RIOBEL Sem: VII Sub: CSL Seat No: 7278650 Posi-
Q4 B2	E-commerce.
	E-commerce is in simple language is defined as buying and selling goods and rendering the sovices on the
	infernet.
(3)	The E-commerce transactions and four types that
	blend and Correlate.
	i) Information Access
	ii) Interpersonal Communication
	iii) Shopping Services.
	IV) Virtual enterprises.
(3)	Information access
	It gives the user search and retrives jacility, that
	involves the transfer of information account the internet.
(G)	Interpersonal Communication.
	It provides the methods to exchange information discuss
_	ideas and improve their G-operation.
(3)	Shapping Services.
	It permits the user to seek and purchase good on the internet
	or to avail the service through the infernet.
11	Virtua! enterphises.
	These are the business arrangements when trading partners
	who are Seprated by geographica and expertise an able
	to engage in Gjoint business activities.
	Every e-commerce transaction is like any other transaction
	but then involves Contractual relationship between



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	Pa-12
	R16 BE Sem: VII Sub: CSL Seattlo - 7278650 Pro-
	transacting parties. The Indian Contract Act 1872
	States the law of Contract and the sales of goods
	act 1930 States the law poten pertaining to the Sale
	of goods;
	iii) In this II Tact 2000' some provisions have
·····	been in corporated related to the distance nature
	Of e-commerce transaction.
	IV) Inthis important implication on a Contract is given - Every
	Contract reeds to be tailored in accordance with the need
	of transaction
	V) The industries that are using It in Thir setup should
	be away of various leagel as pects of e-contracts the
	Same way every consumer must understand the terms
	of the contract before entering into a transaction