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## Mock Test

CSS

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TE COMPS B-50

## TU3F1219127

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Q2A) RSA n=221 & e=5 d=3

Q2A) Diffie-Hellman 9=7, P=23, x=3, y=5

B2B] Digital Certificate X.509 standard

Q3.

Q3A] ARP Spooting and Post Scanning

Q3B] Cross - site Scripting (XSS) with its types

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	Name: AMEY THAKUR COMPClass: TE Div: B Roll No: 50
The second secon	Subject: Css Topic: 191-2 Date: Page No: 1
	Q 6 A)
	ARP spoofing
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	- ARP spooting is type of attack in which a
	malicion actor sends falsified ARP (Address
	Resolution Protocol) message over 10 cal area
-	network. This results in linking of attackers
-	MAC address with 1P address of legitimate
	computer or server on the network
-	, and the state of
	- Once attackers mac address is connected to an
	authentic IP address. The artacker being toetgin
	receiving any data which is intended for that
	19 address ARP spooling can easily malicious
	parties to intercept, modify or even stop
1	data in transit. ARP spoofing attack can
	only occur on local area network that
	attize the address resolution protocol.
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Q 6 A)
Port Scaming
- The act of systematically scanning computers
port since a port is a place where information
identifies open doors to a computer.
Tacifirms Span 20012 to a compation.
- Port scanning has legitimate uses in managing
network but post scanning also can be malicions
access point to break into computer.
access point to break into computer.
Types of port scans
1) Vanilla - The scanner attends to connect to all
Strobe - A more focused scan looking only for
D Strobe - A more focused scan looking only for known services to exploit fragmented
3) UDP - The segamen lanks for any slope
3) UDP - The scanner looks for open UDP ports  (4) Storeco - The scanner connect to the
4) Storecp - The scanner connects to same port on more than one machine FTP booking
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Name: AMEY THAKUR COMPS Class: TE Div: B Roll No: 50
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06 B)
Cross Site Scripting (XSS)
- Cross sire scolpting (XSS) 75 a web
security vulnerability that allows an attacker to compromise the interaction must were have
to compromise the interaction that were have
unith vulnerable application.
- It allows attacker to circumevent the
same origin policy, which is designed to
segregate different website from each other.
- XSS valnerabilities normally allows an
attacker to masquerade as a riction sier,
to carry out an action that user is
able to perform and to access any of users
data.
- It the victim uses how previlaged access
within the application then attacker might'
be able to gain full control over all application functionality and data
application functionality and data
Types of Cross site scripting
J,
1 Reflected XSS
2) Stored XSS
3) Dom-based XSS
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	1 Reflected XSJ
	- Johnson molicions script come from current
_	HTTP reguest.
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-	(2) Stored XSS
-	- Where the malicious scolps come from website's
-	database
-	@ Dom - based Xs3
-	- Juhere the vulnerability exists in client side code
	tather than server side code.
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Name: AMEY THAKUR COMPS Class: TE Div: B Roll No: 50
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Virus
- A virus is a fragment of code embedded in or
legitimate program.
- Virus are self replicating and are designed to
infect other programs.
- They can wreak havoc in a system by modifying
or destroying files cawing system crashes and
program malfunction.
- On reaching the target machine a virus dropper (usually trojan horse) inserts the
dropper (usually trojan herse) inserts the
virus into a system
Types of Viruses
<b>4</b>
1) File view -
- This type of view infects the system by appending
itself to the end of file.
- It changes the start of program so that the
control permon to its code after the
execution of 114 code the control return
backs to main program
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- It gets active when program containing
these visus gets open (.bin, exe,) once
it gets open it starts copying itself
and indect other program
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	program.	Virus.	**************************************			
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	it affects	100d	sector.			
		and the second		<del></del>		
(4) St	ealth virgs					
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	stealth vi			·		
~	It toils					.F4×
	software	may not	able to	> revoc	Inize ix	
III	olymorphic -					
-	It keeps	on ch	anging	192 bo	Men ar	Hangture
	to get u	nderected				
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