

University of Mumbai

Examination 2020 under cluster 4 (PCE)

Program: BE Information Technology Engineering

Curriculum Scheme: Rev2016

Examination: Final Year Semester VII

Course Code: ITC702 and Course Name: Infrastructure Security

Time: 1 hour

Max. Marks: 50

Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	A _____ can exploit can read sensitive data from the database, modify (insert, update or delete) database data, execute administration operations (such as shutdown) on the database, recover the content of a given file, and, in some cases, issue commands to the operating system.
Option A:	Sql injection
Option B:	Birthday attack
Option C:	Malware
Option D:	Phishing
Q2.	The Buffer overflow Attack occurs due to which reason
Option A:	Poor coding Practices
Option B:	Low level Coding
Option C:	Variable size of memory coding
Option D:	Large size of memory coding
Q3.	The Malware which is self replicating and duplicates itself to spread to uninfected computers
Option A:	Trojan horse
Option B:	Logic Bomb
Option C:	Virus
Option D:	Worms
Q4.	Stealing of email address accumulated on your device is which Malware
Option A:	Web scripting virus
Option B:	Mailfinder virus
Option C:	Mail finder Trojan
Option D:	SMS Trojan
Q5.	Whenever a data is moved from one place to another , who holds this data in a Physical storage memory
Option A:	Stack
Option B:	Heap
Option C:	Buffer
Option D:	C drive
Q6.	The Operating system in Segmentation, on every request by Process refers to
Option A:	Segment Scope Table
Option B:	Segment Address Table
Option C:	Segment memory table

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Option D:	Segment Location Table
Q7.	File protection mechanism, which relies on assigning permission to entities for file protection.
Option A:	Mandatory -based
Option B:	Trust-based
Option C:	Group-based
Option D:	Object-based
Q8.	In a Multi-user Operating system environment, which register holds the ending address of a user memory
Option A:	User register
Option B:	Base register
Option C:	Bound register
Option D:	Fence register
Q9.	The Technique for Assigning properties and using several marking to each memory address is called
Option A:	Marking
Option B:	Tagging
Option C:	Twisting
Option D:	Toggling
Q10.	Which is not a IDS system activity
Option A:	Intrusion Prevention
Option B:	Intrusion Monitoring
Option C:	Intrusion Detection
Option D:	Intrusion Creation
Q11.	Authentication algorithm used in GSM ---
Option A:	A3
Option B:	A1
Option C:	A6
Option D:	A4
Q12.	Which protocols not used in VPN
Option A:	PPTP
Option B:	L2TP
Option C:	IPSec
Option D:	SMTP
Q13.	----- installed by user departments represent a huge risk as the security configuration is often questionable
Option A:	Official access points
Option B:	Unofficial access points
Option C:	Official router
Option D:	Unofficial router

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Q14.	How accidentally any hotspot becomes a free hotspot -----
Option A:	Router security is not activated or owner deactivates it
Option B:	Router security is activated
Option C:	File protection not applied
Option D:	OS not have password protected
Q15.	The physical size of the network is determined by the maximum reliable ----- of the radio signals
Option A:	Propagation range
Option B:	Environment variables
Option C:	Network packets
Option D:	Network filter
Q16.	_____ is a Amazon cloud platform
Option A:	Azure
Option B:	AWS
Option C:	Cloudera
Option D:	Office-365
Q17.	OAuth 2.0 relies on _____
Option A:	OPENID2.0
Option B:	CHAP
Option C:	SAML
Option D:	SSL
Q18.	Authorization code is used with _____.
Option A:	mobile apps
Option B:	trusted applications
Option C:	application API access
Option D:	server side applications
Q19.	_____ provides access to data using tokens instead of using their credentials and stores data in online file system of the user.
Option A:	OAuth
Option B:	OCheck
Option C:	SAML
Option D:	OpenSSL
Q20.	Which of the following is not a web server attack type?
Option A:	DOS attack
Option B:	Website Defacement using SQLi
Option C:	Directory Traversal
Option D:	Password guessing
Q21.	_____ is an internet scam done by cyber-criminals where the user is convinced digitally to provide confidential information.
Option A:	Phishing attack
Option B:	DoS attack

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Option C:	Website attack
Option D:	MiTM attack
Q22.	Which of the following type of data, phishers cannot steal from its target victims?
Option A:	Phone number
Option B:	Passwords
Option C:	Bank details
Option D:	Apps installed in the mobile
Q23.	_____ type of phishing became very popular as if it has been sent from a legitimate source with a legitimate link to its official website.
Option A:	Algo-based phishing
Option B:	Email-based phishing
Option C:	Domain Phishing
Option D:	Vishing
Q24.	Aircrack-ng is used for _____
Option A:	Firewall bypassing
Option B:	Wi-Fi attacks
Option C:	Packet filtering
Option D:	System password cracking
Q25.	Among following options which option is not a cyber crime
Option A:	Data theft
Option B:	Forgery
Option C:	Damage to data and systems
Option D:	Installing antivirus for protection

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	A
Q2.	A
Q3.	D
Q4.	B
Q5.	C
Q6.	B
Q7.	C
Q8.	C
Q9.	B
Q10.	D
Q11.	A
Q12.	D
Q13.	B
Q14.	A
Q15.	A
Q16.	B
Q17.	D
Q18.	D
Q19.	A
Q20.	D
Q21.	A
Q22.	D
Q23.	B
Q24.	B
Q25.	D

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