

## FINAL IFS SAMPLE PAPER

Q1	Choose the correct option for following questions. All the Questions are compulsory and carry equal marks
1	What is characteristic of RADIUS system ?
Option A:	It is essential for centralized encryption and authentication
Option B:	It works on Network layer to deny access to unauthorized people
Option C:	It provides centralized authentication mechanism via network devices
Option D:	It's a strong File access system
2.	Which happens first authorization or authentication ?
Option A:	Authorization
Option B:	Authentication
Option C:	Authorization & Authentication are same
Option D:	None of the mentioned
3.	Which of the following principle is violated if the computer system is not accessible
Option A:	Confidentiality
Option B:	availability
Option C:	access control
Option D:	authentication
4.	_____ access controls rely upon the use of labels.
Option A:	Discretionary
Option B:	Role-based
Option C:	Mandatory
Option D:	Nondiscretionary
5.	Virus that can change its appearance is called a _____
Option A:	polymorphic
Option B:	transient
Option C:	resident
Option D:	Appended
6.	Keyloggers are a form of _____.
Option A:	Spyware
Option B:	Shoulder surfing
Option C:	Trojan
Option D:	Social engineering

7.	Which of the following does a database security solution not monitor?
Option A:	Database changes
Option B:	Sensitive data access
Option C:	Database complexity
Option D:	Security events
8.	What is best solution to have effect of unbounded number if base/bound registers?
Option A:	Tagged architecture
Option B:	Segmentation
Option C:	Fence method
Option D:	None of the mentioned
9.	_____ is alike as that of Access Point (AP) from 802.11, & the mobile operators uses it for offering signal coverage.
Option A:	Base Signal Station
Option B:	Base Transmitter Station
Option C:	Base Transceiver Station
Option D:	Transceiver Station
10.	Which is a small file that the server embeds on the user's computer
Option A:	session
Option B:	File
Option C:	web browser
Option D:	cookie
11.	_____ refers to phishing performed over smart-phone by calling.
Option A:	Algo-based phishing
Option B:	Email-based phishing
Option C:	Domain Phishing
Option D:	Vishing
12.	The type of spyware that uses small images or HTML code hidden within an e-mail message
Option A:	web bug
Option B:	keystroke logger
Option C:	adware
Option D:	virus
13.	In cross-site scripting where does the malicious script execute?
Option A:	On the web server
Option B:	In the user's browser
Option C:	On the attacker's system
Option D:	In the web app model code

14.	Wi Fi Alliance was formerly called as _____
Option A:	Wireless Fidelity
Option B:	WECA
Option C:	WPA
Option D:	802.11g
15.	Mention the Services provided by EAP
Option A:	access control and key generation
Option B:	authentication and key generation
Option C:	integrity and replay protection
Option D:	authentication and integrity
16.	Name the cyber-attack where DNS is Hijacked
Option A:	Phishing
Option B:	Pharming
Option C:	Phaxing
Option D:	CSRF
17.	criminals to trick a user into clicking on something different from what the user wants.
Option A:	Click-hacking
Option B:	Click-fraud
Option C:	Clickjacking
Option D:	Using torrent links
18.	Activate _____ when you're required it to use, otherwise turn it off for security purpose.
Option A:	Flash Light
Option B:	App updates
Option C:	Bluetooth
Option D:	Rotation
19.	Which among them has the strongest wireless security?
Option A:	WEP
Option B:	WPA
Option C:	WPA2
Option D:	WPA3
20.	What are the different ways to classify an IDS?
Option A:	Zone based
Option B:	Host & Network based
Option C:	Network & Zone based
Option D:	Level based

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Q2 Answer any 4

- a) Write short notes on Access Control Policies (5)
- b) Write short notes on Buffer overflow (5)
- c) Explain WLAN Security attacks (5)
- d) Write Cross Site Request Forgery with example (5)
- e) Explain Business Continuity Plan(5)
- f) Data protection in cloud (5)

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Q3 Answer any 2

- 1) Explain the different types of Malware in Software Security (10)
- 2) Explain the different types of authentication methods (10)
- 3) Explain UTMS Security with neat diagram. (10)
- 4) Explain OAuth 2.0 architecture and its grant type with neat diagram. (10)