

6.Which ones are some of the Malware Attacks?. Single choice.

(1 Point)

Adware

Worms

Viruses

All of them

7.What type of attack is address spoofing?. Single choice.

(1 Point)

Social Engineering

Reconnaissance

Access

DoS

8.In which order the two addresses in the data link frame is presented?. Single choice.

(1 Point)

Source MAC, Destination MAC

Destination MAC, Source IP

Destination IP, Source IP

Destination MAC, Source MAC

9.Which backup policy consideration is concerned with using strong passwords to protect the backups and for restoring data?. Single choice.

(1 Point)

Frequency

Storage

Security

Validation

10.Which standards organization is responsible for allocating radio frequencies?. Single choice.

(1 Point)

IEEE

ITU-R

Wi-Fi Alliance

IANA

11.Which wireless protocol is the most strong one?. Single choice.

(1 Point)

WPA2

WPA3

WEP

None of them

12.Which of the following antennas provide 360 degrees of coverage?. Single choice.

(1 Point)

Wireless NIC

Directional

Omnidirectional

MIMO

13.Which organization defines standards for the network access layer (i.e., the OSI physical and data link layers)?. Single choice.

(1 Point)

Cisco

IANA

IEEE

IETF

14.Which malware is installed on a compromised system and provides privileged access to the threat actor?. Single choice.

(1 Point)

Adware

Virus

Spyware

Rootkit

15.MKV, GIF, and JPG standards are associated with which OSI layer?. Single choice.

(1 Point)

Application

Presentation

Session

Transport

16.Which malware is a non-self-replicating type of malware? It often contains malicious code that is designed to look like something else, such as a legitimate application or file. It attacks the device from within.. Single choice.

(1 Point)

Worm

Rootkit

Spyware

Trojan Horse

17.Which topology displays networking device layer IP addresses?. Single choice.

(1 Point)

Aerial Topology

IP Address Topology

Logical Topology

Physical Topology

18.Which of the below protocols are Routed protocols?. Single choice.

(1 Point)

OSPF

RIP

IP

EIGRP

19.Which penetration testing tool uses algorithm schemes to encode the data, which then prevents access to the data?. Single choice.

(1 Point)

Packet Sniffers

Encryption Tools

Vulnerability Exploitation Tools

Forensic Tools

20.Default network mask for Class B IPv4 address is ........ Single choice.

(1 Point)

255.0.0.0

255.255.0.0

255.240.0.0

255.255.255.0

21.What kind of threat is described when a threat actor steals scientific research data?. Single choice.

(1 Point)

Data loss or manipulation

Disruption of service

Identify theft

Information theft

22.Default Administrative Distance of Static routes is ........................ for Cisco.. Single choice.

(1 Point)

5

10

1

100

23.BGP and OSPF are examples of which type of protocol?. Single choice.

(1 Point)

Network Communication

Network Security

Routing

Service Discovery

24.Which type of hacker is described in the scenario: After hacking into ATM machines remotely using a laptop, I worked with ATM manufacturers to resolve the security vulnerabilities that I discovered.. Single choice.

(1 Point)

White Hat

Gray Hat

Black Hat

No One

25.Which security term is used to describe a mechanism that takes advantage of a vulnerability?. Single choice.

(1 Point)

Exploit

Threat

Risk

Mitigation

26.What is the responsibility of the MAC sublayer?. Single choice.

(1 Point)

Adds Layer 3 addresses to the frame

Communicates with the network layer (Layer 3)

Provides the method to get the frame on and off the media

Transmits the bits on the media

27.Which one is the Cisco proprietary Neighbour Discovery Protocol?. Single choice.

(1 Point)

LLDP

CDP

ICMP

OSPF

28.Which malware denies access to the infected computer system and demands payment before the restriction is removed?. Single choice.

(1 Point)

Ransomware

Virus

Spyware

Adware

29.What does HTTP stand for?. Single choice.

(1 Point)

Hyper Text Protocol

Hypertext Transfer Protocol

Hypertext Transmission Protocol

Hyper Text Processes

30.What type of attack is an “evil twin AP” attack?. Single choice.

(1 Point)

DoS

MITM

Wireless intruder

Radio interference

31.What kind of threat is described when a threat actor sends you a virus that can reformat your hard drive?. Single choice.

(1 Point)

Disruption of service

Identify theft

Data loss or manipulation

Information theft

32.Which protocol is responsible for guaranteeing the reliable delivery of information?. Single choice.

(1 Point)

TCP

IP

HTTP

Ethernet

33.Which statement is true about ARP?. Single choice.

(1 Point)

An ARP cache cannot be manually deleted

ARP entries are cached permanently

ARP entries are cached temporarily

Not true at all

34.MAC Address is .................. Bits Long.. Single choice.

(1 Point)

64

48

24

128

35.Which penetration testing tool is used by white hat hackers to sniff out any trace of evidence existing in a computer?. Single choice.

(1 Point)

Fuzzers to Search Vulnerabilities

Encryption Tools

Packet Sniffers

Forensic Tools

36.What is the term for splitting up an IP packet when forwarding it from one medium to another medium with a smaller MTU?. Single choice.

(1 Point)

Encapsulation

Fragmentation

Segmentation

Serialization

37.Which is appropriate for providing endpoint security?. Single choice.

(1 Point)

AAA server

Antivirus software

Server-based firewall

ESA/WSA

38.A threat actor discovers the IOS version and IP addresses of the local switch. What type of attack is this?. Single choice.

(1 Point)

Address spoofing

CDP reconnaissance

ARP spoofing

STP attack

39.Which transport layer protocol statement is true?. Single choice.

(1 Point)

TCP has fewer fields than UDP

TCP is faster than UDP

UDP is a best-effort delivery protocol

UDP provides reliability

40.Which subnet mask can be showed with /20?. Single choice.

(1 Point)

255.255.224.0

255.255.128.0

255.255.252.0

255.255.240.0

41.OSPF uses \_\_\_\_ algorithm to calculate Shortest Path.. Single choice.

(1 Point)

Dijkstra

Bellman-Ford

Dual

Policy Based

42.This message type is used when uploading data files to a web server.. Single choice.

(1 Point)

GET

POST

PUT

UPDATE

43.What feature automatically negotiates the best speed and duplex setting between interconnecting devices?. Single choice.

(1 Point)

Auto-MDIX

Autobots

Autonegotiation

Autotuned

44.Which malware executes arbitrary code and installs copies of itself in the memory of the infected computer? The main purpose of this malware is to automatically replicate from system to system across the network.. Single choice.

(1 Point)

Adware

Rootkit

Spyware

Virus

45.Which malware is used to gather user info without the user's knowledge and then sends the data to others?. Single choice.

(1 Point)

Ransomware

Spyware

Virus

Adware

46.Which of the following DNS record types is used to resolve IPv6 addresses?. Single choice.

(1 Point)

AAAA

NS

NA

MX

47.Where is the ARP table stored on a device?. Single choice.

(1 Point)

ROM

Flash

NVRAM

RAM

48.Which command turns on a Cisco router interface?. Single choice.

(1 Point)

shutdown

activete

no shutdown

enable

49.What kind of network would use point-to-point, hub and spoke, or mesh topologies?. Single choice.

(1 Point)

PAN

LAN

WLAN

WAN

50.A device receives a data link frame with data and processes and removes the Ethernet information. What information would be the next to be processed by the receiving device?. Single choice.

(1 Point)

HTTP at the application layer

HTML at the application layer

IP at the internet layer

UDP at the internet layer

51.Which of the following DNS resource record types resolves authoritative name servers?. Single choice.

(1 Point)

AAAA

NS

NA

MX

52.What is the function of the OSI session layer?. Single choice.

(1 Point)

Compress and decompress data

Provide an interface between applications

Format data for the application layer

Exchange of information to initiate dialog between peers

53.What type of attack is port scanning?. Single choice.

(1 Point)

Reconnaissance

Access

DoS

Social Engineering

54.What is the PDU associated with the transport layer?. Single choice.

(1 Point)

Segment

Packet

Bits

Frame

55.What is the name of the process of adding protocol information to data as it moves down the protocol stack?. Single choice.

(1 Point)

Encapsulation

De-encapsulation

Sequencing

Segmentation