1.What is meant by the word “stateful” with respect to firewalls?

A) The firewall tracks what country requests are from.

B)Only packets matching an active connection are allowed through.

C)Only packets that are addressed to the internal server are allowed through.

D) The firewall keeps a list of all addresses to prevent spoofing of an internal IP address.

2. local telephone network is exampple of----------------------- Network

A) Circuit Switch

B) Packet Switch

C)Both a and b

D)None of the above

3.\_\_\_\_\_\_\_\_\_\_ connects tow or more cable segments and amplifies or reshapes a weak signal into its original strength and form.

A)Repeater

B)Switch

C)Hub

D)Router

4.An electronic device that generates a carrier wave and modulates the data signal into a carrier wave.

A)Router

B)Receiver

C)Transmitter

D)Modulation

 5.A wireless network that does not contain a wireless access point

A)WAP

B)Ad hoc mode

C)BSS

D)Infrastructure Mode

 6.What is a packet (Networking)?

A)Busy work

B)When data is being sent at the same time from different PC's and gets deleted.

C)Formatted unit of data

D)Modem

7.Why do we MOSTLY need routers?

A)To send packets to their destination

B)For faster data speed

C)WiFi

D) have better signal

8.What does Firewall Do?

A)Install Viruses

B)Prevents Hackers

C)Give you SD cards

D)Blocks all conte

9.Where is the optimal place to have a proxy server?

A)In between two private networks

B)In between a private network and a public network

C)In between two public networks

D)On all of the servers

10.\_\_\_\_\_\_\_\_\_\_\_ carefully screen all incoming and outgoing messages

A)Router

B)Network

C)Proxy Server

D)File Server

11.What is meant by the word “stateful” with respect to firewalls?

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12.The local telephone network is exampple of----------------------- Network

A)Circuit Switch

B)Packet Switch

C)Both a and b

D)None of the above

13 DES stands for…………………

A. Data Encryption Slots

B. Data Encryption Subscription

C. Data Encryption Standard

D. Data Encryption Solutions

14.An electronic device that generates a carrier wave and modulates the data signal into a carrier wave.

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20.\_\_\_\_\_\_\_\_\_\_\_ carefully screen all incoming and outgoing messages.

A)Router

B)Network

C)Proxy Server

D)File Server

21.Which of the following is not a type of symmetric-key cryptography technique?

A)Diffie Hellaman cipher

B)Caesar Cipher

C)Playfair Cipher

D)Data Encryption Standard (DES

22.Which of the following is not a data security principle

A)Data Integrity

B)Authentication

C)Data Confidentiality

D)None of the above

23.Which of the following security attacks is not an active attack?

A)Masquerade

B)Modification of message

C)Traffic analysis

D)Denial of service

24.A mechanism used to encrypt and decrypt data.?

A)Algorithm

B)Data flow

C)Cryptography

D)None of these

**25.**The private key in asymmetric key cryptography is kept by?

A)Sender

B)Sender and receiver

C)Receiver

D)All the connected devices to the network

26.Security Goals of Cryptography are?

A)Confidentiality

B)Non-repudiation

C)Data integrity

D)All of these

27.A fingerprint scanner scans the supplicants finger and compares it to the template in awatch list. For a watch list that is a white list of employees allowed into a data center. A falseacceptance would be?

A)a security breach

B)an inconvenience to an innocence party

C)failure to enroll

D)none

28.The digest created by a hash function is normaly called

A)Modification detection code

B)Modify authentication connections

C)message authentication control

D)Message authentication Cipher

29.Which of the following is NOT an example of a knowledge authentication factor?

A)password

B)mother's maiden name

C)smart card

D)None

30.Which of the following statements about memory cards and smart cards is false?

A)A memory card is a swipe card that contains user authentication information.

B)Memory cards are also known as integrated circuit cards (ICCs).

C)Smart cards contain memory and an embedded chip.

D)Smart card systems are more reliable than memory card systems.

31. A Firewall can be a hardware device or a software program that filters all the packets of data that comes through a --------------, the internet, etc.

A. Network

B. Antivirus

C. Malware

D. Cookies

32. Which method of Stealing information will record all your keyactivites?

A. Key-hijacking

B. Key-jacking

C. Keylogging

D.  Keyboard monitoring

33. According to the CIA Triad, which of the below-mentioned element is not considered in the triad?

A. Confidentiality

B. Integrity

C. Authenticity

D. Availability

34. CIA triad is also known as \_\_\_\_\_\_\_\_

A. AIC (Authenticity, Integrity, Confidentiality)

B. AIN (Availability, Integrity, Non-repudiation)

C. AIC (Availability, Integrity, Confidentiality)

D. NIC (Non-repudiation, Integrity, Confidentiality)

35. Software that enables a user to obtain secret information about another computer's activities.

A. Malware

B. Adware

C. Spyware

D. Trackware

36. Integrity means the protection of -----------from modification by unknown users.

A. Confidentiality

B. Authentication

C. Data

D. Non-repudiation

37. which method we are using to maintain data availability is \_\_\_\_\_\_\_\_\_\_

A. Data backup

B. Data clustering

C. Data recovery

D. Data Altering

38. In a phishing, attackers target the \_\_\_\_\_\_\_\_ technology to so social engineering.

A. Operating systems

B. WI-FI network

C. Emails

D. Surveillance camera

39. Which of the following do not comes under Social Engineering?

A. Tailgating

B. Spamming

C. Pretexting

D. Phishing

40. Lack of access control policy is a \_\_\_\_\_\_\_\_\_\_\_\_\_

A. Attack

B. Vulnerability

C. Bug

D. Threat

41. 7) It can be a software program or a hardware device that filters all data packets coming through the internet, a network, etc. it is known as the\_\_\_\_\_\_\_:

A. Antivirus

B. Firewall

C. Cookies

D. Malware

42. Which one is not a RC5 operation?

A. RC5-CipherText Stealing

B. RC5-Cipher Block Chaining

C. RC5-Cipher Padding

D. RC5 block cipher

43. \_\_\_\_\_\_\_\_\_\_ connects tow or more cable segments and amplifies or reshapes a weak signal into its original strength and form.

A)Repeater

B)Switch

C)Hub

D)Router

DES stands for…………………

A. Data Encryption Slots

B. Data Encryption Subscription

C. Data Encryption Standard

D. Data Encryption Solutions

44. Network layer firewall has two sub-categories as \_\_\_\_\_\_\_\_\_  
A. State full firewall and stateless firewall

B. Bit oriented firewall and byte oriented firewall

C. Frame firewall and packet firewall

D. Network layer firewall and session layer firewall

45. Which one of the following can be considered as the class of computer threats?

A. Dos Attack

B. Phishing

C. Soliciting

D. Both A and C

46. Describe security control and framework types role to prevent attacks?