

# Networks Fundamentals Exam Intake (44)

- EXAM TIME FROM 9:00AM TO 9:30AM
- You MUST submit your answers before the end of time OR your answers will NOT be uploaded
- Online Search is not allowed
- It is not allowed to leave the exam room before the end of time
- GOOD LUCK



\* Indicates required question

Email \*

Your email

Name \*

Your answer



Request edit access



Track \*

Your answer

Branch \*

Your answer

1. The process of a web server adding a TCP header to the contents of a web page, followed by adding an IP header and then adding a data-link header and trailer, is an example of what? \*

- ☐ Data encapsulation
- ☐ Same-layer interaction
- ☐ OSI model
- ☐ All of these answers are correct.



Request edit access

2. What information is added during encapsulation at OSI layer 4? \*

- ☐ source and destination MAC address
- ☐ source and destination IP address
- ☒ (2) source and destination application protocol.
- ☐ source and destination port

3. Availability is considered one of the security goals and it means ensuring that illegitimate users are not denied access to information and resources. \*

- ☐ True
- ☐ False



 Request edit access

4. Which of the following terms are not valid terms for the names of the seven OSI layers? \*

☐ Application

☐ Data link

☐ Presentation

☐ Internet

5. A hash can be used to provide confidentiality of data \*

☐ true

☐ false

6. In which class the IP address 92.168.1.1 exists \*

☐ Class A

☐ Class B

☐ Class C

☐ Class D

 [Request edit access](#)



7. An intrusion detection system (IDS) is primarily designed to perform what function? \*

- ☐ Test a system for vulnerabilities
- ☐ Detect abnormal activity
- ☐ Rate system performance
- ☐ Detect system failures

8- You want to implement a mechanism that automates the IP configuration. Which protocol will you use to accomplish this? \*

- ☐ DNS
- ☐ SMTP
- ☐ DHCP
- ☐ ARP



Request edit access

9. Which of the following is a weakness in an information system that an attacker might leverage to gain unauthorized access to the system or data on the system? \*

- ☐ Vulnerability
- ☐ Mitigation
- ☐ Exploit
- ☐ Risk

10. Which of the following usually observe each activity of the victim, gather all information in the background, and send it to someone else? \*

- ☐ Spyware
- ☐ Malware
- ☐ Adware
- ☐ None



Request edit access

11. In case you have a little inbox storage which of the following protocols can be used in e-mail service to keep your storage on the mail server always available? \*

- ☐ IMAP4
- ☐ POP3
- ☐ SMTP
- ☐ Outlook

12. the ISO/OSI model is a ... model for internetworking \*

- ☐ Expensive
- ☐ Conceptual
- ☐ Real
- ☐ Cheap



Request edit access

What actions does the host do when the DHCP server is down? \*

☐ it will have the same IP

☐ it will haven't any IP

☒ (2) it will use APIPA range

☐ it will show an error

14.UDP is characterized to be a ... protocol \*

☐ Reliable

☐ Best-effort delivery

☐ Connection-oriented

☐ The most commonly used over Internet



Request edit access

15. Which of the following layers must be adapted to the transmission media type \*

☐ Physical Layer

☐ Network Layer

☒ Transport Layer

☐ Data-Link Layer

16. In OSI model, which of the following layer provides error-free delivery of data? \*

☐ data link

☐ session

☐ transport

☐ network



 Request edit access

17. Identify which of the services below use both TCP and UDP ports. \*

- ☐ FTP
- ☐ Telnet
- ☐ SSH
- ☐ DNS

18. A \_\_\_\_\_ is a device that forwards packets between networks by processing the routing information included in the packet. \*

- ☐ firewall
- ☐ bridge
- ☐ router
- ☐ Hub



Request edit access

19. Which range of ports numbers identifies all well-known applications: \*

- ☐ 0 to 255
- ☐ 0 to 1023
- ☐ 1024 to 2047
- ☐ 256 to 1022

20. What Port Does Telnet Use \*

- ☐ 22
- ☐ 80
- ☐ 23
- ☐ 113



Request edit access

21. Which phase of hacking performs actual attack on a network or system? \*

- ☒ Reconnaissance
- ☐ Maintaining Access
- ☐ (2) Scanning
- ☐ Gaining Access

22- The protocol used to send emails from host to mail server is ..... \*

- ☒ smtp
- ☐ p°p3
- ☐ imap
- ☐ ppp

23- We must use a domain name server to connect to internet \*

- ☐ True
- ☐ False

 Request edit access



24- The length of the IPv4 address is ... bits \*

☐ 8

☐ 4

☐ 32

☐ 64

25- SSH protocol uses port 21 \*

☐ True

☒ False

26-TCP is used for situations where some data loss is acceptable, like live video/audio, or where speed is a critical factor like online gaming \*

☐ True

☒ False



Request edit access

27- ..... is used to map IP address into MAC address \*

- ☐ arp
- ☐ RARP
- ☐ IGMP
- ☐ ICMP

28-Layer 2 Switches are depending on mac address to transfers messages \*

- ☐ True
- ☐ False

29-When using POP3 protocol, internet connection is needed all the time \*

- ☐ True
- ☐ False



Request edit access

30- NETSTAT command can be used to ..... \*

- ☐ Test the network connectivity between machines
- ☐ Display the machine connections in IP/port
- ☒ (2) Correct the packet errors in header and data
- ☐ Delete the default addresses of packets

31. The default mask for Class B network is \*

- ☐ 255.255.255.255
- ☐ 255.255.255.0
- ☐ 255.255.0.0
- ☒ 255.0.0.0

32. You are an administrator and responsible of publicly accessible web server on the internet . Can you assign the IP address 10.213.214.215 to the server? \*

- ☐ True
- ☒ False

 [Request edit access](#)



33. We MUST use a domain name server (DNS) to connect to a webserver on the internet \*

☐ True

☐ False

34. If the default gateway is configured incorrectly on the host, what is the impact in communications? \*

☐ the host is unable to communicate on the local network

☒ the host can communicate with others on the local network, but is unable to communicate with hosts on remote networks

☐ the host can communicate with others on the remote network, but is unable to communicate with hosts on local networks

☐ there is no impact on communication



Request edit access

35. The unit of communication at the physical layer is .....and in the data link layer is ..... \*

☐ Bits, frames

☐ Frames, bits

☐ Segment, frames

☐ Bits, Packets

Submit

Clear form

Never submit passwords through Google Forms.

This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms



Request edit access



 Request edit access