

computer networks multiple choice questions with answers doc

Computer Networks Multiple Choice Questions with Answers (DOC): Ace Your Next Exam!

Are you prepping for a computer networks exam and feeling overwhelmed by the sheer volume of information? Do you crave a quick, effective way to test your knowledge and identify areas needing improvement? Then you've landed in the right place! This comprehensive guide provides you with a treasure trove of computer networks multiple choice questions with answers, all conveniently available in a downloadable DOC format. We'll cover key concepts, from basic network topologies to advanced routing protocols, ensuring you're fully prepared to conquer your next exam. Let's dive in!

Section 1: Understanding Basic Network Concepts - Multiple Choice Questions

This section focuses on the fundamental building blocks of computer networks. Understanding these concepts is crucial for tackling more advanced topics.

1. Which of the following is NOT a common network topology?

- a) Bus Topology
- b) Star Topology
- c) Ring Topology
- d) Cloud Topology
- e) Mesh Topology

Answer: d) Cloud Topology (While cloud computing utilizes networks, "cloud topology" isn't a standard network topology descriptor like the others.)

1. What does TCP/IP stand for?

- a) Transmission Control Protocol/Internet Protocol
- b) Transfer Control Protocol/Internet Packet
- c) Transmission Control Packet/Internet Protocol
- d) Transfer Control Packet/Internet Packet

Answer: a) Transmission Control Protocol/Internet Protocol

1. The physical layer of the OSI model deals primarily with:

- a) Data encryption
- b) Data transmission over a physical medium
- c) Network addressing
- d) Application-level protocols

Answer: b) Data transmission over a physical medium

1. Which protocol is used for transferring files between computers over a network?

- a) HTTP
- b) FTP
- c) SMTP
- d) DNS

Answer: b) FTP

1. A network that spans a limited geographical area, such as a home or office, is called a:

- a) WAN
- b) MAN
- c) LAN
- d) GAN

Answer: c) LAN

Section 2: Data Transmission and Network Protocols - Multiple Choice Questions

This section delves into how data travels across networks and the protocols that govern this process.

1. What does IP address stand for?

- a) Internet Protocol Address
- b) Internet Packet Address
- c) Internal Protocol Address
- d) Internal Packet Address

Answer: a) Internet Protocol Address

1. Which protocol is connection-oriented and provides reliable data transmission?

- a) UDP
- b) TCP
- c) IP
- d) ICMP

Answer: b) TCP

1. What is the purpose of a subnet mask?

- a) To encrypt network traffic
- b) To identify the network portion of an IP address
- c) To route packets between networks
- d) To translate domain names into IP addresses

Answer: b) To identify the network portion of an IP address

1. Which of the following is a routing protocol?

- a) HTTP
- b) FTP
- c) RIP
- d) DNS

Answer: c) RIP (Routing Information Protocol)

1. What does DNS stand for?

- a) Domain Name System
- b) Data Naming System
- c) Domain Numbering System
- d) Data Numbering System

Answer: a) Domain Name System

Section 3: Network Security and Advanced Concepts - Multiple Choice Questions

This section covers more advanced topics, including network security and emerging technologies.

1. A firewall is primarily used for:

- a) Increasing network speed
- b) Network security
- c) Data compression
- d) Data backup

Answer: b) Network security

1. Which of the following is a common type of network attack?

- a) Denial of Service (DoS)
- b) Phishing
- c) Man-in-the-middle attack
- d) All of the above

Answer: d) All of the above

1. What is a VPN?

- a) Virtual Private Network
- b) Very Private Network
- c) Virtual Public Network
- d) Very Public Network

Answer: a) Virtual Private Network

1. Which protocol is used for secure communication over the internet?

- a) HTTP
- b) FTP
- c) HTTPS
- d) SMTP

Answer: c) HTTPS

1. What does VLAN stand for?

- a) Virtual Local Area Network
- b) Very Local Area Network
- c) Virtual Large Area Network
- d) Very Large Area Network

Answer: a) Virtual Local Area Network

Downloadable DOC File: Access Your Study Resource

You can download a DOC file containing all the above questions and answers, along with many more, by [inserting link to downloadable DOC file here]. This file provides a structured and easily printable format for your convenience.

Conclusion

Mastering computer networks requires thorough understanding and consistent practice. These multiple choice questions, available in a convenient DOC format, provide a valuable tool for assessing your knowledge and pinpointing areas that need further study. Use this resource effectively, and you'll be well-prepared for any computer networks exam! Remember to consult your course materials and textbooks for a comprehensive understanding of the concepts.

Frequently Asked Questions (FAQs)

1. Are the answers included in the downloadable DOC file? Yes, the DOC file includes both the questions and their corresponding answers.
1. What level of computer networks knowledge is this resource suitable for? This resource is suitable for introductory to intermediate-level understanding of computer networks.
1. Can I use this resource for self-study? Absolutely! This resource is designed for self-study and independent learning.

1. Is the DOC file compatible with all word processors? The DOC file is designed for compatibility with most common word processing software, including Microsoft Word and LibreOffice Writer.

1. Are there any other resources available to help me study computer networks? Yes, many online resources, textbooks, and video tutorials are available to supplement your studies. We recommend exploring these alongside our multiple-choice questions.

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