

CompTIA Network+ Certification Practice Test 20 (Exam N10-006)

▶ Which of the protocols listed below resides at the session layer of the OSI model?

☐ ☐ ☐ HTTP

☐ ☐ ☐ UDP

☐ ☐ ☐ SMTP

☐ ☒ ☐ NetBIOS (✗ Missed)

☐ ☐ ☐ IP

🚩 Your answer to this question is incorrect.

▶ In the OSI model, data compression takes place at the:

☐ ☐ ☐ Session layer

☐ ☒ ☐ Presentation layer (✗ Missed)

☐ ☐ ☐ Network layer

☐ ☐ ☐ Physical layer

🚩 Your answer to this question is incorrect.

▶ The term "Presentation layer" refers to:

☐ ☐ ☐ Layer 7 of the OSI model

☐ ☐ ☐ Layer 5 of the OSI model

☐ ☒ ☐ Layer 6 of the OSI model (✗ Missed)

☐ ☐ ☐ Layer 4 of the OSI model

🚩 Your answer to this question is incorrect.

▶ Data encryption and decryption typically takes place at the:

☐ ☐ ☐ Layer 3 of the OSI model

☐ ☒ ☐ Presentation layer of the OSI model (✗ Missed)

☐ ☐ ☐ Data link layer of the OSI model

☐ ☐ ☐ Layer 1 of the OSI model

🚩 Your answer to this question is incorrect.

▶ OSI layer 7 is also referred to as:

☐ ☒ ☐ Application layer (✗ Missed)

☐ ☐ ☐ Session layer

☐ ☐ ☐ Presentation layer

☐ ☐ ☐ Transport layer

🚩 Your answer to this question is incorrect.

▶ The application layer of the OSI model is also known as:

☐ ☐ ☐ Layer 1

☐ ☐ ☐ Layer 3

☐ ☐ ☐ Layer 6

☐ ☒ ☐ Layer 7 (✖ Missed)

🚩 Your answer to this question is incorrect.

▶ Which of the following protocols reside(s) at the application layer of the OSI model? (Select all that apply)

☐ ☐ ☐ ARP

☐ ☒ ☐ HTTP (✖ Missed)

☐ ☒ ☐ FTP (✖ Missed)

☐ ☒ ☐ SMTP (✖ Missed)

☐ ☐ ☐ NetBIOS

🚩 Your answer to this question is incorrect.

▶ The process of adding control information to data as it passes through the layers of the OSI model at the receiving end of the network communication link is known as encapsulation.

☐ ☐ ☐ True

☐ ☒ ☐ False (✖ Missed)

🚩 Your answer to this question is incorrect.

▶ Which of the answers listed below refers to a mechanism that allows for simultaneous transmission of multiple signals over a single cable or other network medium?

☐ ☐ ☐ Baseband

☐ ☒ ☐ Multiplexing (✖ Missed)

☐ ☐ ☐ Load balancing

☐ ☐ ☐ Route aggregation

🚩 Your answer to this question is incorrect.


▶ Which of the following devices provides the functionality of a single-input, multiple-output switch?

☐ ☐ ☐ UTP coupler

☐ ☐ ☐ Multiplexer

☐ ☐ ☐ UC server


☐ ☒ ☐ Demultiplexer (✖ Missed)

 Your answer to this question is incorrect.


► What is the hexadecimal notation of the decimal number 224?

☐ ☐ ☐ 0xA8

☐ ☐ ☐ 0xC0


☐ ☒  0xE0 (✖ Missed)

☐ ☐ ☐ 0xF8

 Your answer to this question is incorrect.


► MAC and IPv6 addresses are represented with the use of:

☐ ☐ ☐ Binary notation

☐ ☒  Hexadecimal notation (✖ Missed)


☐ ☐ ☐ Octal notation

☐ ☐ ☐ Decimal notation

 Your answer to this question is incorrect.

► What are the characteristic features of the baseband signaling method? (Select 3 answers)

☐ ☒  Digital signaling (✖ Missed)


☐ ☒  Bidirectional transmission (✖ Missed)

☐ ☐ ☐ Analog signaling

☐ ☐ ☐ Unidirectional transmission

☐ ☐ ☐ Simultaneous transmission of multiple signals and traffic types

☐ ☒  IEEE 802.3 signaling method (✖ Missed)


 Your answer to this question is incorrect.


► Which of the answers listed below refer(s) to broadband signaling? (Select all that apply)


☐ ☐ ☐ Digital signaling

☐ ☐ ☐ Bidirectional transmission

☐ ☒  Analog signaling (✖ Missed)

☐ ☒  Unidirectional transmission (✖ Missed)

☐ ☒  Simultaneous transmission of multiple signals and traffic types (✖ Missed)

 Your answer to this question is incorrect.

► Which of the following layers are part of the 4-layer TCP/IP model? (Select 4 answers)

☐ ☒  Application (✖ Missed)

☐ ☐ ☐ Presentation


☐ ☐ ☐ Session

☐ ☒  Transport (✖ Missed)

☐ ☐ ☐ Network


☐ ☒  Internet (✖ Missed)


☐ ☒  Link (✖ Missed)

 Your answer to this question is incorrect.

► Which of the answers listed below refer(s) to the characteristic feature(s) of the IEEE 802.11a wireless standard amendment? (Select all that apply)

☐ ☒  Maximum data signaling rate of 54 Mbps (✖ Missed)

☐ ☒  5.0 GHz frequency band (✖ Missed)

☐ ☒  Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

☐ ☐ ☐ 2.4 GHz frequency band

☐ ☐ ☐ Maximum data signaling rate of 11 Mbps

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

 Your answer to this question is incorrect.

► Which of the following answers list(s) the feature(s) of the IEEE 802.11b wireless standard amendment? (Select all that apply)


☐ ☐ ☐ Maximum data signaling rate of 54 Mbps


☐ ☐ ☐ 5.0 GHz frequency range

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

☐ ☒  2.4 GHz frequency range (✖ Missed)

☐ ☒  Maximum data signaling rate of 11 Mbps (✖ Missed)


☐ ☒  Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

 Your answer to this question is incorrect.

► What are the characteristics of the IEEE 802.11g wireless standard amendment? (Select all that apply)

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method


☐ ☒  Maximum data signaling rate of 54 Mbps (✖ Missed)

☐ ☒  Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

☐ ☒  2.4 GHz frequency range (✖ Missed)

☐ ☐ ☐ Maximum data signaling rate of 11 Mbps

☐ ☐ ☐ 5.0 GHz frequency range

 Your answer to this question is incorrect.

► The characteristic features of the IEEE 802.11n wireless standard amendment include: (Select all that apply)

☐ ☒  Multiple Input / Multiple Output (MIMO) (✖ Missed)

☐ ☐ ☐ Maximum data signaling rate of 54 Mbps

☐ ☒  2.4 GHz frequency band (✖ Missed)

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

☐

☒

☒

5.0 GHz frequency band (✖ Missed)

☐

☐

☐

Multi-User Multiple Input / Multiple Output (MU-MIMO)

☐

☒

☒


Maximum data signaling rate of 600 Mbps (✖ Missed)

☐

☒

☒

Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)



Your answer to this question is incorrect.

▶ Which of the following answers refers(s) to the feature(s) of the IEEE 802.11ac wireless standard amendment? (Select all that apply)

☐

☐

☐

Data signaling rate of up to 600 Mbps

☐

☒

☒

5.0 GHz frequency band (✖ Missed)

☐

☐

☐

Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

☐

☒

☒

Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

☐

☒

☒


Multi-User Multiple Input / Multiple Output (MU-MIMO) (✖ Missed)

☐

☐

☐

2.4 GHz frequency band



Your answer to this question is incorrect.

▶ Which of the answers listed below refer(s) to UTP cabling? (Select all that apply)

☐

☒

☒

Twisted-pair copper cabling (✖ Missed)

☐

☒

☒

Used in Ethernet networks and telephone systems (✖ Missed)

☐

☒

☒

Low cost and ease of installation (✖ Missed)

☐

☐

☐

Takes advantage of additional protective cover reducing signal interference from outside sources

☐

☐

☐

Coaxial cabling

☐

☒

☒

Not surrounded by any shielding that would provide protection against interference from outside sources (✖ Missed)

☐

☐

☐


Fiber-optic cabling

☐

☒

☒

Installed with 8P8C connector type (✖ Missed)



Your answer to this question is incorrect.

▶ Which of the following cabling types provide(s) protection against Electromagnetic Interference (EMI)? (Select all that apply)

☐

☐

☐

UTP cabling

☐

☒

☒

Coaxial cabling (✖ Missed)

☐

☒

☒


STP cabling (✖ Missed)

☐

☒

☒

Fiber-optic cabling (✖ Missed)



Your answer to this question is incorrect.

▶ Which of the answers listed below refer to Thinnet? (Select 4 answers)

☐

☒

☒

10Base2 (✖ Missed)

☐

☐

☐

Twisted-pair cabling

☐

☒

☒

BNC connector (✖ Missed)

☐☐☐ Maximum cable segment length of 100 meters

☐☐☐ RJ-45 connector

☐☐☐ 10BaseT

☐☒☒ RG-58 coaxial cabling (✖ Missed)

☐☒☒ Maximum cable segment length of 185 meters (✖ Missed)

 Your answer to this question is incorrect.

▶ What are the characteristic features of the 10BaseT Ethernet standard? (Select 3 answers)

☐☐☐ BNC connector

☐☒☒ Twisted-pair copper cabling (Category 3 or higher) (✖ Missed)


☐☒☒ Maximum cable segment length of 100 meters (✖ Missed)

☐☒☒ 8P8C connector (✖ Missed)

☐☐☐ Twisted-pair copper cabling (Category 5 or higher)

☐☐☐ Maximum cable segment length of 185 meters

☐☐☐ Coaxial cabling

 Your answer to this question is incorrect.

▶ Which of the following answers refer to the 100BaseTX Ethernet standard? (Sect 3 answers)

☐☒☒ Maximum cable segment length of 100 meters (✖ Missed)

☐☒☒ Twisted-pair copper cabling (Category 5 or higher) (✖ Missed)


☐☐☐ BNC connector

☐☐☐ Maximum cable segment length of 185 meters

☐☐☐ Coaxial cabling

☐☐☐ Twisted-pair copper cabling (Category 3 or higher)

☐☒☒ 8P8C connector (✖ Missed)

 Your answer to this question is incorrect.

Your Final Report	
Total marks	59
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%

Network+

CompTIA Network+ Certification Exam N10-006 Practice Tests

Network+ Practice Exam 1 (/comptia-network-plus-certification-practice-test-1-exam-n10-006)	Network+ Practice Exam 12 (/comptia-network-plus-certification-practice-test-12-exam-n10-006)
Network+ Practice Exam 2 (/comptia-network-plus-certification-practice-test-2-exam-n10-006)	Network+ Practice Exam 13 (/comptia-network-plus-certification-practice-test-13-exam-n10-006)
Network+ Practice Exam 3 (/comptia-network-plus-certification-practice-test-3-exam-n10-006)	Network+ Practice Exam 14 (/comptia-network-plus-certification-practice-test-14-exam-n10-006)
Network+ Practice Exam 4 (/comptia-network-plus-certification-practice-test-4-exam-n10-006)	Network+ Practice Exam 15 (/comptia-network-plus-certification-practice-test-15-exam-n10-006)
Network+ Practice Exam 5 (/comptia-network-plus-certification-practice-test-5-exam-n10-006)	Network+ Practice Exam 16 (/comptia-network-plus-certification-practice-test-16-exam-n10-006)
Network+ Practice Exam 6 (/comptia-network-plus-certification-practice-test-6-exam-n10-006)	Network+ Practice Exam 17 (/comptia-network-plus-certification-practice-test-17-exam-n10-006)
Network+ Practice Exam 7 (/comptia-network-plus-certification-practice-test-7-exam-n10-006)	Network+ Practice Exam 18 (/comptia-network-plus-certification-practice-test-18-exam-n10-006)
Network+ Practice Exam 8 (/comptia-network-plus-certification-practice-test-8-exam-n10-006)	Network+ Practice Exam 19 (/comptia-network-plus-certification-practice-test-19-exam-n10-006)
Network+ Practice Exam 9 (/comptia-network-plus-certification-practice-test-9-exam-n10-006)	Network+ Practice Exam 20 (/comptia-network-plus-certification-practice-test-20-exam-n10-006)
Network+ Practice Exam 10 (/comptia-network-plus-certification-practice-test-10-exam-n10-006)	Network+ Practice Exam 21 (/comptia-network-plus-certification-practice-test-21-exam-n10-006)
Network+ Practice Exam 11 (/comptia-network-plus-certification-practice-test-11-exam-n10-006)	Network+ Practice Exam 22 (/comptia-network-plus-certification-practice-test-22-exam-n10-006)

CompTIA Network+ Certification N10-006 Practice Tests by Exam Topic

[TCP and UDP Ports Quiz \(/tcp-and-udp-ports-quiz\)](#)

[OSI Layers Quiz \(/osi-quiz\)](#)

[Wireless Networking Quiz - part 1 of 2 \(/wireless-networking-quiz-part-1-of-2\)](#)

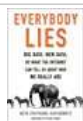
[Wireless Networking Quiz - part 2 of 2 \(/wireless-networking-quiz-part-2-of-2\)](#)

[Subnetting Quiz \(/subnetting-quiz\)](#)

[Routing Quiz \(/routing-quiz\)](#)

[Network Utilities Command Line Quiz \(/comptia-network-plus-certification-exam-command-line-quiz\)](#)

[CompTIA Network+ N10-006 Exam Objectives \(http://certification.comptia.org/docs/default-source/exam-objectives/comptia-network-\(n10-006\)_examobjectives.pdf\)](#)



EVERYBODY
LIES: BIG ...
SETH STEPHENS-
DAVIDOWITZ
HARDCOVER
\$13.99



COMPTIA
NETWORK ...
MIKE MEYERS
\$32.91



CLEAN CODE:
A ...
ROBERT C. MARTIN
\$32.24



[Site Map \(/site-map\)](#)

[Privacy Policy \(/privacy-policy\)](#)

[Terms & Conditions \(/terms-and-conditions\)](#)

