

CompTIA Network+ Certification Practice Test 19 (Exam N10-006)

► Which of the answers listed below refer to the split horizon mechanism? (Select 2 answers)

☐ ☐ ☐ Used with link-state routing protocols

☐ ☐ ☐ Used for combining multiple physical network adapters into a single logical interface

☐ ☒ ☐ Used with distance-vector routing protocols (✗ Missed)

☐ ☒ ☐ Used for reducing the possibility of routing loops (✗ Missed)

☐ ☐ ☐ Used for designating a backup router in the event of an active router failure

🚫 Your answer to this question is incorrect.

► A device providing remote line diagnostics capability placed at the joining point between an ISP's line and customer's premises wiring is known as:

☐ ☐ ☐ Demarc

☐ ☒ ☐ Smart jack (✗ Missed)

☐ ☐ ☐ UTM appliance

☐ ☐ ☐ Line tester

🚫 Your answer to this question is incorrect.

► Which of the following answers list examples of a Network Interface Unit (NIU)? (Select 2 answers)

☐ ☐ ☐ F-connector

☐ ☐ ☐ Remote Terminal Unit (RTU)

☐ ☒ ☐ Smart jack (✗ Missed)

☐ ☒ ☐ Network Interface Card (NIC) (✗ Missed)

☐ ☐ ☐ Leased line

🚫 Your answer to this question is incorrect.

► A physical point where an ISP's network ends and connects with the customer's on-premises wiring (which also defines where the ISP's responsibility for maintenance ends and the consumer's responsibility begins) is commonly referred to as demarc.

☐ ☒ ☐ True (✗ Missed)

☐ ☐ ☐ False

🚫 Your answer to this question is incorrect.

► Which of the following devices would be used for connecting a router to a T-1 line?

☐ ☐ ☐ OTDR

☐ ☒ ☐ CSU/DSU (✗ Missed)

☐ ☐ ☐ F-connector

☐ ☐ ☐ MDI-X

🚩 Your answer to this question is incorrect.

► Physical layer of the OSI model is also known as:

☐ ☐ ☐ Layer 2

☐ ☐ ☐ Layer 7

☐ ☒ ☐ Layer 1 (✖ Missed)

☐ ☐ ☐ Layer 4

🚩 Your answer to this question is incorrect.

► Which of the following reside(s) at the physical layer of the OSI model? (Select all that apply)

☐ ☐ ☐ Router

☐ ☒ ☐ Hub (✖ Missed)

☐ ☐ ☐ Switch

☐ ☒ ☐ Network cabling (✖ Missed)

☐ ☐ ☐ Bridge

🚩 Your answer to this question is incorrect.

► What is the name of a data unit used at the OSI physical layer?

☐ ☐ ☐ Frame

☐ ☐ ☐ Segment

☐ ☒ ☐ Bit (✖ Missed)

☐ ☐ ☐ Packet

🚩 Your answer to this question is incorrect.

► In the OSI model, physical addressing takes place at the:

☐ ☒ ☐ Data link layer (✖ Missed)

☐ ☐ ☐ Layer 7

☐ ☐ ☐ Physical layer

☐ ☐ ☐ Session layer

☐ ☐ ☐ Layer 1

🚩 Your answer to this question is incorrect.

► Layer 2 of the OSI model is also known as:

☐ ☐ ☐ Transport layer

☐ ☐ ☐ Network layer

☐ ☒ ☐ Data link layer (✖ Missed)

☐ ☐ ☐ Physical layer

🚩 Your answer to this question is incorrect.

► In the OSI model, Media Access Control (MAC) and Logical Link Control (LLC) sublayers are the components of:

☐ ☐ ☐ Session layer

☐ ✓ 🚩 Data link layer (✗ Missed)

☐ ☐ ☐ Transport layer

☐ ☐ ☐ Network layer

🚩 Your answer to this question is incorrect.

► Which of the following devices resides at the data link layer of the OSI model?

☐ ☐ ☐ Router

☐ ☐ ☐ Passive Hub

☐ ✓ 🚩 Ethernet switch (✗ Missed)

☐ ☐ ☐ Repeater

🚩 Your answer to this question is incorrect.

► Routers operate at: (Select two answers)

☐ ☐ ☐ Physical layer of the OSI model

☐ ☐ ☐ Application layer of the OSI model

☐ ✓ 🚩 Layer 3 of the OSI model (✗ Missed)

☐ ✓ 🚩 Network layer of the OSI model (✗ Missed)

☐ ☐ ☐ Layer 5 of the OSI model

🚩 Your answer to this question is incorrect.

► Which of the following terms refers to the OSI network layer?

☐ ☐ ☐ Layer 2

☐ ☐ ☐ Layer 5

☐ ✓ 🚩 Layer 3 (✗ Missed)

☐ ☐ ☐ Layer 4

🚩 Your answer to this question is incorrect.


► At which of the OSI layers IP addressing takes place?

☐ ✓ 🚩 Layer 3 (✗ Missed)

☐ ☐ ☐ Layer 1


☐ ☐ ☐ Layer 4

☐ ☐ ☐ Layer 6

 Your answer to this question is incorrect.


► Layer 3 of the OSI model is also referred to as:

☐ ☐ ☐ Data link layer


☐ ☒  Network layer (✖ Missed)

☐ ☐ ☐ Session layer


☐ ☐ ☐ Transport layer

 Your answer to this question is incorrect.


► Which of following protocols reside(s) at the OSI network layer? (Select all that apply)

☐ ☒  IPv4 (✖ Missed)


☐ ☐ ☐ UDP

☐ ☒  IPsec (✖ Missed)


☐ ☐ ☐ TCP

☐ ☒  IPv6 (✖ Missed)

☐ ☒  ICMP (✖ Missed)

 Your answer to this question is incorrect.


► Internet Protocol Security (IPsec) resides at:

☐ ☒  Network layer of the OSI model (✖ Missed)

☐ ☐ ☐ Transport layer of the OSI model

☐ ☐ ☐ Session layer of the OSI model


☐ ☐ ☐ Presentation layer of the OSI model

 Your answer to this question is incorrect.

► In the OSI model, User Datagram Protocol (UDP) resides at: (Select 2 answers)


☐ ☐ ☐ Layer 3

☐ ☒  Transport layer (✖ Missed)

☐ ☒  Layer 4 (✖ Missed)

☐ ☐ ☐ Network layer

☐ ☐ ☐ Layer 6

 Your answer to this question is incorrect.


► Layer 4 of the OSI model is also referred to as:

☐ ☐ ☐ Network layer

☐ ☐ ☐ Data link layer


☐ ☐ ☐ Session Layer

☐ ☒  Transport layer (✖ Missed)

 Your answer to this question is incorrect.


► The transport layer resides between which two other layers in the OSI model?

☐ ☐ ☐ Physical and Data link

☐ ☒  Network and Session (✖ Missed)

☐ ☐ ☐ Presentation and Application

☐ ☐ ☐ Physical and Network

 Your answer to this question is incorrect.


► In the OSI model, Transmission Control Protocol (TCP) resides at: (Select all that apply)

☐ ☐ ☐ Layer 7


☐ ☒  Transport layer (✖ Missed)

☐ ☐ ☐ Layer 3

☐ ☐ ☐ Application layer

☐ ☒  Layer 4 (✖ Missed)

☐ ☐ ☐ Network layer


 Your answer to this question is incorrect.


► Which OSI layer assumes the responsibility for managing network connections between applications?

☐ ☐ ☐ Network layer


☐ ☐ ☐ Data link layer

☐ ☐ ☐ Application layer

☐ ☒  Session layer (✖ Missed)

 Your answer to this question is incorrect.


► Layer 5 of the OSI model is also referred to as:

☐ ☒  Session layer (✖ Missed)

☐ ☐ ☐ Application layer

☐ ☐ ☐ Transport layer

☐ ☐ ☐ Presentation layer

 Your answer to this question is incorrect.


► In the OSI model, session layer is also known as:

☐ ☐ ☐ Layer 4

☐ ☐ ☐ Layer 6

☐ ☒  Layer 5 (✖ Missed)

☐ ☐ ☐ Layer 3

 Your answer to this question is incorrect.

Your Final Report

Total marks	34
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%

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Network+

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

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

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

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

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

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