

Network Layer Pt2

Due Apr 11 at 11:59pm**Points** 10**Questions** 10**Time Limit** None

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	1 minute	10 out of 10

Score for this quiz: **10** out of 10

Submitted Apr 4 at 10:10pm

This attempt took 1 minute.

Question 1

1 / 1 pts

The Function of the Network Layer is to: Route Packets end-to-end on a network, through multiple hops.

Correct!☒ True☐ False

Question 2

1 / 1 pts

Which Addressing Scheme does IP use?

Correct!☐ Flat☒ Hierarchy

Question 3**1 / 1 pts**

How many different IP Classes are there?

☐ 2☒ 3☐ 1**Correct!****Question 4****1 / 1 pts**

What do the Xs represent below with respect to CIDR Notation:

11001111 00011101 11110000 11xxxxxx

☐ Frozen Bits☐ All 0s☐ All 1s☒ Arbitrary Bits**Correct!****Question 5****1 / 1 pts**

What would this address be written as in CIDR Notation.

11001111 00101110 111xxxxx xxxxxxxx

Correct!☐ 207.46.224.0/18☐ 207.46.224.0/14☐ 207.46.224.0/13☒ 207.46.224.0/19**Question 6****1 / 1 pts**

The Command "PING" heavily relies on the TTL field in the IP Datagram Header.

☐ True☒ False**Correct!****Question 7****1 / 1 pts**

Who is responsible for reassembling fragmented Datagram Units?

☐ Switch☐ Sender☒ Receiver☐ Router**Correct!**

Question 8**1 / 1 pts**

How many fragments would the receiver need to reassemble if the MTU of a network is 2000, and your datagram size was 2500?

☐ 4☐ 3☒ 2☐ 1**Correct!****Question 9****1 / 1 pts**

If we are attempting to find the MTU of a given network and we set the [don't fragment] option, what should we do if the receiver never receives the datagram?

☐ Increase the message length until one arrives☐ Wait until the receiver is not busy and retry☒ Decrease the message length until one arrives.☐ Enter Exponential Backoff; there was a collision**Correct!****Question 10****1 / 1 pts**

What do 6to4 addresses always start with?

Correct!☐ FF FF:☐ 00 00:☐ ::☒ 20 02:Quiz Score: **10** out of 10