

WarmUp-2

Due No due date **Points** 20 **Questions** 20**Available** Sep 24 at 8am - Sep 24 at 3:01pm about 7 hours**Time Limit** 10 Minutes**Allowed Attempts** 2

Instructions

Welcome to CNL**You have 10 minutes to answer 20 questions.**

This quiz was locked Sep 24 at 3:01pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	10 minutes	18 out of 20

Score for this attempt: **18** out of 20

Submitted Sep 24 at 10:12am

This attempt took 10 minutes.

Question 1**1 / 1 pts**

The ** operator:

Correct!

- ☒ performs exponentiation
- ☐ performs duplicated multiplication
- ☐ does not exist
- ☐ performs floating-point multiplication

Question 2**1 / 1 pts**

One of the following variables' names is illegal – which one?

Correct!

- ☒ True
- ☐ tRUE
- ☐ true
- ☐ TRUE

Question 3**1 / 1 pts**

Left-sided binding determines that the result of the following expression
 $1 // 2 * 3$
is equal to:

Correct!

- ☒ 0
- ☐ 0.0
- ☐ 4.5
- ☐ 0.166666

Question 4**1 / 1 pts**

An operator able to check whether two values are equal is coded as:

Correct!

- ☒ ==
- ☐ ===
- ☐ !=
- ☐ =

Question 5**1 / 1 pts**

What is the output of the following snippet?

```
x = 1 / 2 + 3 // 3 + 4 ** 2
```

```
print(x)
```

Correct!

☒ 17.5

☐ 17

☐ 8.5

☐ 8

Question 6

1 / 1 pts

What is the output of the following snippet ?

```
x=1
```

```
y=2
```

```
z=x
```

```
x=y
```

```
y=z
```

```
print(x,y)
```

Correct!

☒ 2 1

☐ 1 2

☐ 1 1

☐ 2 2

Question 7

1 / 1 pts

The value eventually assigned to x is equal to:

```
x = 1
```

```
x = x == x
```

Correct!☒ True☐ 1☐ 0☐ False**Question 8****1 / 1 pts**

Only one of the following statements is false – which one ?

Correct!☒ the result of the / operator is always an integer value☐ multiplication precedes addition☐ the right argument of the % operator cannot be zero☐ the ** operator uses right sided binding**Question 9****1 / 1 pts**

The value twenty point twelve times ten raised to the power of eight should be written as:

Correct!☒ 20.12E8☐ 20E12.8☐ 20.12*10^8☐ 20.12E8.0**Question 10****1 / 1 pts**

What is the output of the following snippet if the user enters two lines containing 2 and 4 respectively?

```
x=input()
y=input()
print(x+y)
```

Correct!

☒ 24

☐ 6

☐ 4

☐ 2

Question 11

1 / 1 pts

What is the output of the following snippet if the user enters two lines containing 3 and 6 respectively?

```
x=input()
y=int(input())
print(x*y)
```

Correct!

☒ 333333

☐ 36

☐ 18

☐ 666

Question 12

1 / 1 pts

What is the output of the following snippet?

```
z = y = x = 1
print(x,y,z,sep='*')
```

Correct!

☒ 1*1*1

☐ 1 1 1☐ x y z☐ x*y*z**Question 13**

1 / 1 pts

What is the output of the following snippet if the user enters two lines containing 2 and 4 respectively?

```
x=int(input())
y=int(input())
x=x//y
y=y//x
print(y)
```

Correct!☐ the code will cause a runtime error☐ 2.0☐ 4.0☐ 6.0**Question 14**

0 / 1 pts

What is the output of the following snippet if the user enters two lines containing 2 and 4 respectively?

```
x=int(input())
y=int(input())
print(x+y)
```

Correct Answer☐ 6☐ 4**You Answered**☒ 24

☐ 2

Question 15**1 / 1 pts**

The `print()` function can output values of:

Correct!

- ☒ any number of arguments (including zero)
- ☐ just one argument
- ☐ any number of arguments (excluding zero)
- ☐ not more than five arguments

Question 16**1 / 1 pts**

What is the output of the following snippet?

```
x = 2 + 3 * 5.
```

```
print(X)
```

Correct!

- ☒ the snippet will cause an execution error
- ☐ 17
- ☐ 17.0
- ☐ 25.0

Question 17**1 / 1 pts**

The meaning of the keyword parameter is determined by:

Correct!

- ☒ the argument's name specified along with its value

- ☐ its connection with existing variables
- ☐ its value
- ☐ its position within the argument list

Question 18

1 / 1 pts

What is the output of the following snippet if the user enters two lines containing 11 and 4 respectively?

```
x=int(input())
y=int(input())
x = x % y
x = x % y
y = y % x
print(y)
```

Correct!

- ☒ 1
- ☐ 2
- ☐ 4
- ☐ 5

Question 19

1 / 1 pts

The result of the following division:

1 / 1

Correct!

- ☒ is equal to 1.0
- ☐ cannot be predicted
- ☐ cannot be evaluated
- ☐ is equal to 1

Unanswered

Question 20

0 / 1 pts

The `\n` digraph forces the `print()` function to:

Correct Answer

- ☐ break the output line
- ☐ stop its execution
- ☐ duplicate the character next to the digraph
- ☐ output exactly two characters: `\` and `n`

Quiz Score: **18** out of 20

WarmUp-3

Due No due date **Points** 20 **Questions** 20 **Available** Oct 1 at 8am - Oct 1 at 2:40pm about 7 hours
Time Limit 10 Minutes

Instructions

Welcome to CNL -4

You have 10 minutes for this task (20 questions).

This quiz was locked Oct 1 at 2:40pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	10 minutes	20 out of 20

Score for this quiz: **20** out of 20

Submitted Oct 1 at 10:18am

This attempt took 10 minutes.

Question 1

1 / 1 pts

How many hashes will the following snippet send to the console?

```
var = 1
while var < 10:
    print("#")
    var = var << 1
```

☐ 3

☐ 2

☐ 5

☒ 4

Correct!

Question 2

1 / 1 pts

What is the output of the following snippet?

```
l1 = [1,2,3]
for v in range(len(l1)):
    l1.insert(1,l1[v])
print(l1 )
```

Correct!

☐ [1, 2, 3, 3, 2, 1]☒ [1, 1, 1, 1, 2, 3]☐ [1, 2, 3, 1, 2, 3]☐ [3, 2, 1, 1, 2, 3]

Question 3

1 / 1 pts

How many stars will the following snippet send to the console?

```
i = 0
while i <= 5 :
    i += 1
    if i % 2 == 0:
        break
    print("**")
```

Correct!

☒ one☐ three☐ two☐ zero

Question 4

1 / 1 pts

What is the output of the following snippet?

```
a = 1
b = 0
c = a & b
d = a | b
e = a ^ b
print(c + d + e)
```

Correct!

☐ 3☐ 1☐ 0☒ 2

Question 5

1 / 1 pts

```
lst = []  
  
del lst  
  
print(lst)
```

☐ []☐ [0]☐ nothing☒ NameError: name 'lst' is not defined

Correct!

Question 6

1 / 1 pts

What is the output of the following snippet?

```
L = [[0, 1, 2, 3] for i in range(2)]  
  
print(L[2][0])
```

☐ 0☒ the snippet will cause a runtime error☐ 1☐ 2

Correct!

Question 7

1 / 1 pts

```
for i in range(0, 6, 3):  
  
    print(i )
```

☒ 0 3☐ 5 4☐ 2 4☐ 1 3

Correct!

Question 8

1 / 1 pts

```
x, y, z = 5, 10, 8  
  
print(x > z)  
print((y - 5) == x)
```

☐ True True☐ False False**Correct!**☒ False True☐ True True**Question 9****1 / 1 pts**

What is the output of the following snippet?

```
lst = [3, 1, -2]  
print(lst[lst[-1]])
```

☐ -1☐ 3☐ -2**Correct!**☒ 1**Question 10****1 / 1 pts**

An operator able to check whether two values are equal is coded as:

☐ =☐ ==☐ !=**Correct!**☒ ==**Question 11****1 / 1 pts**

What is the output of the following snippet?

```
lst = [1,2,3,4]  
print(lst[-3: -2])
```

☐ [2,3,4]☐ [2,3]

Correct!

☒ [2]☐ []

Question 12

0 / 1 pts

```
x = 10

if x == 10:

    print(x == 10)

if x > 5:

    print(x > 5)

if x < 10:

    print(x < 10)

else:

    print("else")
```

You Answered

☒ True True False☐ True else☐ True True

Correct Answer

☐ True True else

Question 13

1 / 1 pts

What value will be assigned to the x variable?

```
z = 10
```

```
y = 0
```

```
x = y < z and z > y or y > z and z < y
```

☐ false☐ true☐ False

Correct!

☒ True

Question 14

1 / 1 pts

The second assignment:

```
vals = [0, 1, 2] vals[0],
```

```
vals[2] = vals[2], vals[0]
```

- ☐ shortens the list
- ☐ extends the list
- ☒ reverses the list
- ☐ doesn't change the list

Correct!

Question 15

1 / 1 pts

```
lst = [1, [2, 3], 4]
```

```
print(lst[1])
```

```
print(len(lst))
```

- ☒ [2, 3] 3
- ☐ [2, 3] 1
- ☐ [2, 3]
- ☐ [2, 3] 2

Correct!

Question 16

0 / 1 pts

After execution of the following snippet, the sum of all vals elements will be equal to:

```
vals = [0, 1, 2]
```

```
vals.insert(0,1)
```

```
del vals[1]
```

- ☐ 2
- ☐ 4
- ☐ 5

Correct Answer

- ☒ 3

You Answered

Question 17

1 / 1 pts

```
l1 = ["A", "B", "C"]  
l2 = l1  
l3 = l2  
del l1[0]  
del l2  
print(l3)
```

☐ ['A', 'B']☐ ['C', 'B']☐ ['A', 'C']☒ ['B', 'C']

Correct!

Question 18

1 / 1 pts

The value eventually assigned to x is equal to:

```
x = 1  
x = x == x
```

☐ False☒ True☐ 1☐ 0

Correct!

Question 19

1 / 1 pts

What is the output of the following snippet?

```
l1 = [1,2,3]  
l2 = []  
for v in l1:  
    l2.insert(0,v)  
print(l2)
```

☐ [1,1,1]☐ [1,2,3]

☐ [3,3,3]

Correct!

☒ [3,2,1]

Question 20

0 / 1 pts

What is the output of the following snippet?

```
T = [[3-i for i in range (3)] for j in range (3)]
```

```
s = 0
```

```
for i in range(3):
```

```
s += T[i][i]
```

```
print(s)
```

☐ 7

Correct Answer

☐ 6☐ 2

You Answered

☒ 4Quiz Score: **20** out of 20

This quiz score has been manually adjusted by +3.0 points.

WarmUp-4

Due No due date **Points** 20 **Questions** 20**Available** Dec 3 at 12pm - Dec 10 at 4pm 7 days **Time Limit** 10 Minutes

Instructions

Welcome to CNL

You have 10 minutes to answer 20 questions.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	10 minutes	15 out of 20

Score for this quiz: **15** out of 20

Submitted Oct 17 at 3:19pm

This attempt took 10 minutes.

Question 1

1 / 1 pts

What is the output of the following snippet?

```
def fun(inp=2,out=3):  
    return inp * out  
print(fun(out=2))
```

Correct!☒ 4☐ the snippet is erroneous☐ 6☐ 2

Question 2

1 / 1 pts

Which of the following lines properly starts a parameterless function definition?

Correct!

☒ `def fun():`

☐ `function fun():`

☐ `fun function():`

☐ `def fun:`

Question 3

1 / 1 pts

Knowing that a function named `fun()` resides in a module named `mod`, choose the proper way to import it:

☐ `import fun`

☐ `from fun import mod`

Correct!

☒ `from mod import fun`

☐ `import fun from mod`

Question 4

1 / 1 pts

What is the output of the following snippet?

```
def fun(x):
```

```
    global y
```

```
    y = x * x
```

```
    return y
```

```
fun(2)
```

```
print(y)
```

☐ the code will cause a runtime error

☐ 2

Correct!

☒ 4

☐ None

Question 5

1 / 1 pts

The fact that tuples belong to sequence types means:

☐ they are actually lists

☐ they can be modified using the del instruction

☐ they can be extended using the .append() method

Correct!

☒ they can be indexed and sliced like lists

Question 6

1 / 1 pts

Which of the following statements is false?

☐ The None value can be compared with variables

☐ The None value cannot be used as an argument of arithmetic operators

Correct!

☒ The None value may not be used outside functions

☐ The None value can be assigned to variables

Question 7

1 / 1 pts

What is the output of the following snippet?

```
def fun(x):
```

```
    if x % 2 == 0:
```

```
        return 1
```

```
    else:
```

```
        return
```

```
print(fun(fun(2)) + 1)
```

☐ 1

☐ 2

Correct!

☒ the code will cause a runtime error

☐ None

Question 8

1 / 1 pts

What is the output of the following snippet?

```
def fun(x):
```

```
    x += 1
```

```
    return x
```

```
x = 2
```

```
x = fun(x+1)
```

```
print(x)
```

☐ 3

☐ the code is erroneous (because of the arguments)

Correct!

☒ 4

☐ 5

Question 9

0 / 1 pts

A function returning a list of all entities available in a module is called:

☐ listmodule()

You Answered

☒ entities()

Correct Answer

☐ dir()☐ content()

Question 10

0 / 1 pts

```
list = ['Mary', 'had', 'a', 'littl', 'lamb']  
def list(L):  
    del L[3]  
    L[3] = 'ram'  
print(list(list))
```

You Answered

☒ ['Mary', 'had', 'a', 'littl', 'lamb']☐ ['Mary', 'had', 'a', 'lamb']

Correct Answer

☐ the snippet is erroneous☐ ['Mary', 'had', 'a', 'ram']

Question 11

1 / 1 pts

A predefined Python variable, storing the current module name, is called:

☐ __module__

Correct!

☒ __name__

☐ __modname__☐ __mod__**Question 12****1 / 1 pts**

Knowing that a function named `fun()` resides in a module named `mod`, and it has been imported using the following line: `import mod` choose the way it can be invoked in your code:

☐ `mod->fun()`☐ `fun()`**Correct!**☒ `mod.fun()`☐ `mod.Fun()`**Question 13****1 / 1 pts**

Assuming that `tuple` is a correctly created tuple, the fact that tuples are immutable means that the following instruction:

```
tuple[1] = tuple[1] + tuple[0]
```

Correct!☒ is illegal☐ can be executed if and only if the tuple contains at least two elements☐ is fully correct☐ may be illegal if the tuple contains strings**Question 14****1 / 1 pts**

The following snippet:

```
def func1(a):  
    return a ** a  
  
def func2(a):  
    return func1(a)*func1(a)  
  
print(func2(2))
```

☐ 4☐ is erroneous**Correct!**☒ 16☐ 2**Question 15****1 / 1 pts**

What is the output of the following snippet?

```
def any():  
    print(var + 1,end="")  
  
var = 1  
  
any()  
  
print(var)
```

☐ 12☐ 22**Correct!**☒ 2 1☐ 11**Question 16****1 / 1 pts**

What is the output of the following snippet?

```
dct = { 'one':'two', 'three':'one', 'two':'three' }
```

```
v = dct['one']
```

```
for k in range(len(dct)):
```

```
    v = dct[v]
```

```
print(v)
```

☐ one

Correct!

☒ two

☐ ('one', 'two', 'three')

☐ three

Question 17

1 / 1 pts

What is the output of the following snippet?

```
def fun(x,y,z):
```

```
    return x+2*y+3*z
```

```
print(fun(0,z=1,y=3))
```

☐ 3

☐ the snippet is erroneous

Correct!

☒ 9

☐ 0

Question 18

0 / 1 pts

What is the output of the following snippet?

```
tup = (1, 2, 4, 8)
```

```
tup = tup[1:-1]
```

```
tup = tup[0]
```

```
print(tup)
```

Correct Answer☐ 2☐ the snippet is erroneous**You Answered**☒ (2,)☐ (2)**Question 19****0 / 1 pts**

What is the output of the following snippet?

```
def f(x):
```

```
    if x == 0:
```

```
        return 0
```

```
    return x + f(x - 1)
```

```
print(f(3))
```

☐ 12**Correct Answer**☐ 6**You Answered**☒ 3☐ 1**Unanswered****Question 20****0 / 1 pts**

The following statement:

from a.b import c

causes the import of:

- ☐ entity a from module b from package c
- ☐ entity c from module a from package b
- ☐ entity b from module a from package c
- ☐ entity c from module b from package a

Correct Answer

Quiz Score: **15** out of 20

WarmUp

Due No due date **Points** 10 **Questions** 10**Available** Oct 15 at 10am - Oct 20 at 4:30pm 5 days**Time Limit** 10 Minutes

Instructions

Welcome to CNL

You have 10 minutes for this task.

This quiz was locked Oct 20 at 4:30pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	7 minutes	5 out of 10

Score for this quiz: **5** out of 10

Submitted Oct 15 at 10:12am

This attempt took 7 minutes.

Question 1

0 / 1 pts

A data structure described as LIFO is actually a:

You Answered

☒ queue

☐ list

☐ heap

Correct Answer

☐ stack

Question 2

1 / 1 pts

Ip address consists of how many parts?

Correct!

- ☐ 1 host ip
- ☒ 2 (network and host)
- ☐ 3 (ip, subnet and gateway)
- ☐ 1 network ip

Question 3**0 / 1 pts**

Which one is a multicast MAC address?

Correct Answer

- ☐ 0100.5E7F.FFEE
- ☐ No MAC Multicat addresses
- ☒ FFFF.FFFF.FFFF.FFFF
- ☐ 224.192.7.7

You Answered**Question 4****1 / 1 pts**

The logical address is the ip address.

Correct!

- ☒ True
- ☐ False

Question 5**0 / 1 pts**

Switch ports should be assigned with ip addresses.

You Answered

- ☒ True

Correct Answer☐ False**Question 6****1 / 1 pts**

If the class's constructor is declared as below, which one of the assignments is valid?

```
class Class:  
    def __init__(self):  
        pass
```

☐ object = Class(object)☐ object = Class(self)☐ object = Class**Correct!**☒ object = Class()**Question 7****0 / 1 pts**

MAC address consists of

You Answered☒ 64 bits☐ 32 bits**Correct Answer**☐ 48 bits☐ 128 bits**Question 8****1 / 1 pts**

ipv6 is 64 bits

☐ True

Correct!

☒ False**Question 9**

0 / 1 pts

OSI is 7 layers whereas TCP/IP is 5 layers

You Answered

☒ True

Correct Answer

☐ False**Question 10**

1 / 1 pts

Mac address is in which layer in OSI?

☐ 3☐ 5

Correct!

☒ 2☐ 4Quiz Score: **5** out of 10

WarmUp

Due

No due date

Points

8

Questions

8

Available

Oct 22 at 8am - Oct 28 at 1pm 6 days

Time Limit

10 Minutes

Allowed Attempts

2

Instructions

Welcome to CNL

You have 10 minutes for this task.

This quiz was locked Oct 28 at 1pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	5 out of 8

Score for this attempt: **5** out of 8
Submitted Oct 22 at 10:13am
This attempt took 9 minutes.

Question 1

0 / 1 pts

The socket is a combination of addresses of

You Answered

☒ Application Layer

Correct Answer

☐ Network Layer

Correct Answer

☐ Data Link Layer

Correct Answer

☐ Transport Layer

Question 2

1 / 1 pts

Port should be an integer from 1-65535 (0 is reserved).
And > 1024.

Correct!☒ True☐ False**Question 3****1 / 1 pts**

TCP/UDP are protocols of which OSI layer?

☐ 5**Correct!**☒ 4☐ 2☐ 3**Question 4****0 / 1 pts**

Ports number is in OSI layer

Correct Answer☐ 4☐ 3**You Answered**☒ 7☐ 2**Question 5****1 / 1 pts**

To find the sockets in your computer, you can use the command
_____ (without any option)

Correct!

netstat

Correct Answers

netstat

Question 6

1 / 1 pts

Which of the following is a correct non-reserved socket?

☐ 192.168.0.102:51

Correct!

☒ 192.168.0.102:51401

☐ 192.168.0.102::51401

☐ 192.168.0.102:443

Question 7

1 / 1 pts

clients usually listen for new connections.

☐ True

Correct!

☒ False

Question 8

0 / 1 pts

Socket is a combination of

☐ URL

Correct!☒ Port number☐ 5555**Correct Answer**☐ IP**You Answered**☒ MACQuiz Score: **5** out of 8

WarmUp 9

Due No due date **Points** 6 **Questions** 6
Available Dec 3 at 12:01pm - Dec 10 at 12:50pm 7 days **Time Limit** 6 Minutes
Allowed Attempts Unlimited

Instructions

Welcome to CNL

You have 6 minutes to answer 6 questions.

[Take the Quiz Again](#)

Attempt History

	Attempt	Time	Score
KEPT	Attempt 3	less than 1 minute	6 out of 6
LATEST	Attempt 3	less than 1 minute	6 out of 6
	Attempt 2	less than 1 minute	4 out of 6
	Attempt 1	4 minutes	1 out of 6

Score for this attempt: **6** out of 6

Submitted Nov 5 at 10:12am

This attempt took less than 1 minute.

Question 1

1 / 1 pts

iperf is a command-line tool for checking speeds between two computers.

Correct!

☒ True

☐ False

Question 2

1 / 1 pts

When you create a thread `t.daemon=true` is a must.

Correct!☒ True☐ False**Question 3****1 / 1 pts**

In `t = threading.thread(work)`, `work` is:

☐ variable☐ thread name**Correct!**☒ function to be defined☐ parameter to be passed**Question 4****1 / 1 pts**

To exit mininet, you need to type `exit` and then ?

☐ `clean`**Correct!**☒ `sudo mn -c`☐ `mn -c`☐ nothing**Question 5****1 / 1 pts**

in mininet :

use Linux command (`ifconfig`) in `h7`

mininet> -----

- ☐ ifconfig
- ☒ h7 ifconfig
- ☐ h7 ifconfig h3
- ☐ ifconfig h7

Correct!

Question 6

1 / 1 pts

to ping h2 from h1 in mininet, you use which command?

- ☐ h1 h2 ping
- ☒ h1 ping h2
- ☐ h2 ping h1
- ☐ h1 Ping h2

Correct!

Quiz Score: **6** out of 6

WarmUp

Due No due date **Points** 10 **Questions** 10**Available** Nov 12 at 12:01pm - Nov 13 at 12:30pm 1 day**Time Limit** 15 Minutes

Instructions

Welcome to CNL**You have 15 minutes to answer 10 questions.**

This quiz was locked Nov 13 at 12:30pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	2 minutes	5 out of 10

Score for this quiz: **5** out of 10

Submitted Nov 12 at 11:25pm

This attempt took 2 minutes.

Question 1**0 / 1 pts**

Hub is a repeater that only works in the physical layer (OSI).

Correct Answer☐ True**You Answered**☒ False**Question 2****0 / 1 pts**

Which of the following describes the function of ARP?

☐ It is used to map a 32-bit ethernet address to a 48-bit IP address.☐ It is used to map a 48-bit ethernet address to a 32-bit IP address.

You Answered

- ☒ It is used to map a 48-bit IP address to a 32-bit ethernet address.

Correct Answer

- ☐ It is used to map a 32-bit IP address to a 48-bit ethernet address.

Question 3**1 / 1 pts**

Does ARP packets use IP header

- ☐ Yes.
- ☐ No, ARP works in layer 1 only (Hub devices)
- ☒ No, ARP does not use IP header. It is a layer 2 protocol.
- ☐ No, ARP is layer 7 protocol

Correct!**Question 4****1 / 1 pts**

Switch:: one Broadcast Domain and Multiple Collison Domain.

- ☒ True
- ☐ False

Correct!**Question 5****1 / 1 pts**

Hub device can reach the MAC address table.

- ☐ True
- ☒ False

Correct!

Question 6**0 / 1 pts**

Which field of the frame used by the switch to build the MAC address table?

You Answered☒ frame destination address**Correct Answer**☐ frame source address☐ ip destination address☐ ip source address**Question 7****0 / 1 pts**

Switch is considered as layer _____ from the OSI model. (Note: enter only number)

You Answered**Correct Answers**

2

Question 8**1 / 1 pts**

The MAC table in the switch is based on _____ of the incoming frame.

☐ destination address**Correct!**☒ Source address**Question 9****0 / 1 pts**

The address resolution protocol (ARP) is used for

Correct Answer

☐ Finding the MAC address that corresponds to an IP address

☐ Finding the IP address of the default gateway

You Answered

☒ Finding the IP address that corresponds to a MAC address

☐ Finding the IP address from the DNS

Question 10

1 / 1 pts

ARP table (cache) is in the form of :

☐ Physical address | logical address

☐ Host Name | Port number

Correct!

☒ Logical address | physical address

☐ ip:port

Quiz Score: **5** out of 10

Due No due date **Points** 10 **Questions** 10
Available Nov 26 at 8am - Nov 26 at 2:20pm about 6 hours **Time Limit** 15 Minutes
Allowed Attempts 2

This quiz was locked Nov 26 at 2:20pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	14 minutes	8 out of 10

Score for this attempt: **8** out of 10

Submitted Nov 19 at 10:33am

This attempt took 14 minutes.

Question 1

0 / 1 pts

Which switch would STP choose to become the root bridge in the selection process?

You Answered

☐ 32768: 22-33-44-55-66-77

☒ 32769: 22-33-44-55-66-78

☐ 32768: 11-22-33-44-55-66

☐ 32769:11-22-33-44-55-65

Correct Answer

Question 2	1 / 1 pts
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Device that connects wireless computers

Correct!

- ☒ access point
- ☐ switch
- ☐ router
- ☐ hub

Question 3

0 / 1 pts

device that only regenerates incoming signals

Correct Answer

- ☐ hub
- ☐ switch
- ☒ router
- ☐ access point

You Answered

Question 4

1 / 1 pts

MAC stands for _____

- ☐ Memory Area Control
- ☐ Memory Access Control
- ☐ Media Area Control
- ☒ Media Access Control

Correct!

Question 5**1 / 1 pts**

What is the way that Spanning Tree Protocol prevents switching loops based on the exhibit provided?

☐

STP allows the switches to communicate with a router that makes the traffic forwarding decisions.

☐

STP shuts down S3 to eliminate the switching loops.

☐

STP identifies cables that must be disconnected to eliminate the redundant paths.

Correct!☒

STP places ports into the blocking state to disable the redundant paths.

Question 6**1 / 1 pts**

device that uses MAC addresses to determine the destination of frame

☐

hub

☐

router

☐

access point

Correct!☒

switch

Question 7**1 / 1 pts**

Which two values are used by Spanning Tree Protocol to elect a root bridge? (Choose two)

Correct!☒ Bridge priority**Correct!**☒ MAC address☐ IOS version☐ IP address☐ Speed of the links**Question 8****1 / 1 pts**

device that connects LANs

☐ hub☐ access point☐ switch**Correct!**☒ router**Question 9****1 / 1 pts**

What is the purpose of the default route?

Correct!☒

It's where the router sends all packets with destinations of which it has no knowledge.

☐ It serves as a guideline for how to configure routes.☐ None of the above☐

It's a route set by Microsoft so that all information comes to their servers first.

Question 10**1 / 1 pts**

How does a switch "learn" MAC addresses?

Correct!

- ☐ The switch comes loaded with the most frequently used addresses.
- ☒ The switch reads each frame and makes a note of where each MAC address came from.
- ☐ All the MAC addresses must be entered manually.
- ☐ The switch uses a mathematical formula to determine what the MAC address would be for each computer connected to it.

Quiz Score: 8 out of 10