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Started on Thursday, 28 July 2022, 9:08 PM

State Finished

Completed on Thursday, 28 July 2022, 9:24 PM

Time taken 16 mins 43 secs

Marks 7.00/15.00

Grade 4.67 out of 10.00 (47%)

Question 1

Complete

Mark 0.00 out of 1.00

What type of devices connection do we use copper crossover type cable?

- ☒ A. Switch to Router
- ☐ B. PC to HUB
- ☐ C. PC to Router
- ☐ D. PC to Switch

The correct answer is:
PC to Router

Question 2

Complete

Mark 0.00 out of 1.00

You have the following routing table. Which of the following networks will not be placed in the neighbor routing table?

R 192.168.30.0/24 [120/1] via 192.168.40.1, 00:00:12, Serial0

C 192.168.40.0/24 is directly connected, Serial0

172.16.0.0/24 is subnetted, 1 subnets

C 172.16.30.0 is directly connected, Loopback0

R 192.168.20.0/24 [120/1] via 192.168.40.1, 00:00:12, Serial0

R 10.0.0.0/8 [120/15] via 192.168.40.1, 00:00:07, Serial0

C 192.168.50.0/24 is directly connected, Ethernet0

- ☐ a. 172.16.30.0
- ☒ b. 192.168.30.0
- ☐ c. 192.168.10.0
- ☐ d. _____
192.168.50.0

The correct answer is:

192.168.10.0

Question 3

Complete

Mark 1.00 out of 1.00

Which class of IP address has the most host addresses available by default?

- ☐ a. B
- ☒ b. A
- ☐ c. C
- ☐ d. A and B

The correct answer is:

A

Question 4

Complete

Mark 1.50 out of 1.50

Find the **Usable IP Address** of Subnet Mask Prefix /29.

- ☐ a. 30
- ☐ b. 14
- ☐ c. 2
- ☐ d. 126
- ☐ e. 62
- ☒ f. 6

The correct answer is:

6

Question 5

Complete

Mark 1.00 out of 1.00

The UIU-Core router receives an IP packet with a source IP address of 192.168.214.20 and a destination address of 192.168.22.3. Looking at the output from the UIU-Core router, what will the router do with this packet?

UIU-Core#show ip route

R 192.168.215.0 [120/2] via 192.168.20.2, 00:00:23, Serial0/0

R 192.168.115.0 [120/1] via 192.168.20.2, 00:00:23, Serial0/0

R 192.168.30.0 [120/1] via 192.168.20.2, 00:00:23, Serial0/0

C 192.168.20.0 is directly connected, Serial0/0

C 192.168.214.0 is directly connected, FastEthernet0/0

- ☐ a. The router will broadcast looking for the destination
- ☒ b. The packet will be discarded.
- ☐ c. The packet will be routed out the S0/0 interface
- ☐ d. The packet will be routed out the Fa0/0 interface.

The correct answer is:

The packet will be discarded.

Question 6

Complete

Mark 1.50 out of 1.50

Find the **Usable IP Address** of Subnet Mask Prefix /28.

- ☐ a. 126
- ☐ b. 6
- ☐ c. 30
- ☐ d. 2
- ☐ e. 62
- ☒ f. 14

The correct answer is:
14

Question 7

Complete

Mark 0.00 out of 1.50

select the Cisco IOS Commame Mode for the below terminal prompt?

UIU-Cisco(config-if)#

- ☐ a. Interface Configuration Mode
- ☒ b. Global Configuration Mode
- ☐ c. User EXEC mode
- ☐ d. Privileged EXEC mode

The correct answer is:

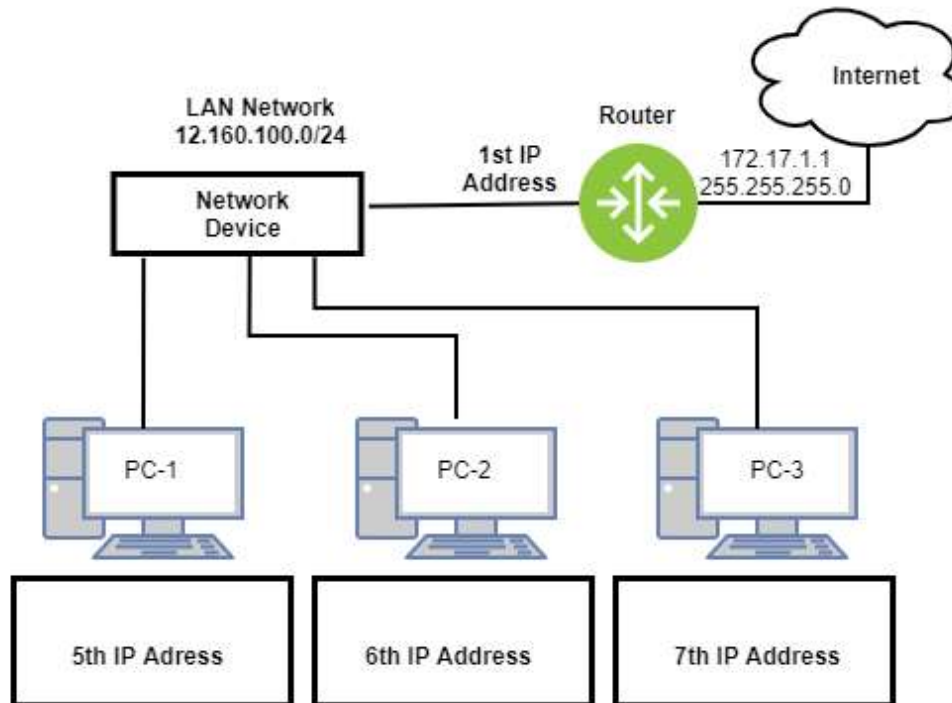
Interface Configuration Mode

Question 8

Complete

Mark 0.00 out of 1.50

Refer to the topology, write the **PC-2 IP Address** of the LAN Side.



- ☒ a. 12.160.100.7 255.255.255.0
- ☐ b. 12.160.100.1 255.255.255.0
- ☐ c. 12.160.100.6 255.255.255.0
- ☐ d. 12.160.100.5 255.255.255.0

The correct answer is:
12.160.100.6 255.255.255.0

Question 9

Complete

Mark 1.00 out of 1.00

How long is an IPv4 address?

- ☐ a. 64 bytes
- ☒ b. 32 bits
- ☐ c. 32 bytes
- ☐ d. 64 bits

The correct answer is:
32 bits

Question 10

Complete

Mark 0.00 out of 1.50

select the Cisco IOS Commene Mode for the below terminal prompt?

UIU-Cisco(config)#

- ☐ a. User EXEC mode
- ☒ b. Privileged EXEC mode
- ☐ c. Other Configuration Mode
- ☐ d. Global Configuration Mode

The correct answer is:

Global Configuration Mode

Question 11

Complete

Mark 1.00 out of 1.00

Which of the following types of connections can use full-duplex?

- ☐ A. Radio Frequency
- ☐ B. Coaxial Cable
- ☐ C. Wakitoky
- ☒ D. STP Cable

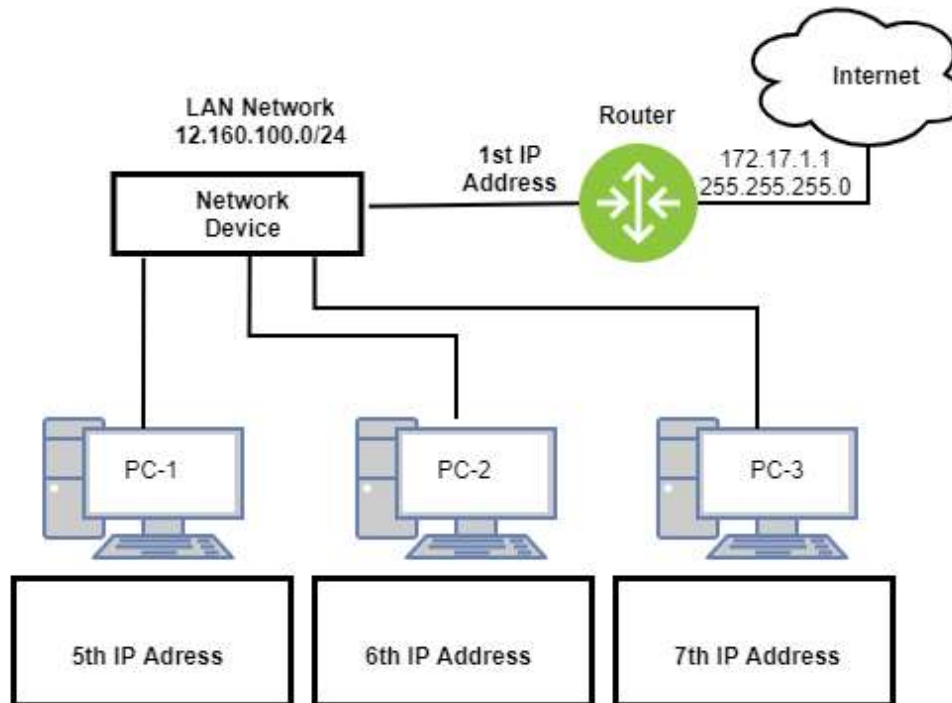
The correct answer is:
STP Cable

Question 12

Complete

Mark 0.00 out of 1.50

Refer to the topology, write the **PC-1 IP Address** of the LAN Side.



- ☐ a. 12.160.100.1 255.255.255.0
- ☐ b. 12.160.100.7 255.255.255.0
- ☒ c. 12.160.100.6 255.255.255.0
- ☐ d. 12.160.100.5 255.255.255.0

The correct answer is:
12.160.100.5 255.255.255.0

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 Data retention summary