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[Summer 222 CSE 324/CSE 3712/EEE 4414 \(C\)](#) ▶ [22 July - 28 July](#) ▶ [Quiz-2](#)

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**Started on** Thursday, 28 July 2022, 8:07 PM

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**State** Finished

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**Completed on** Thursday, 28 July 2022, 10:08 PM

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**Time taken** 2 hours 1 min

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**Overdue** 1 hour 36 mins

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**Marks** 0.00/15.00

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**Grade** 0.00 out of 10.00 (0%)

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## Question 1

Not answered

Marked out of 1.50

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

**UIU-Cisco(config)#**

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

The correct answer is:

Global Configuration Mode

## Question 2

Not answered

Marked 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 3

Not answered

Marked out of 1.00

You have 10 users plugged into a hub running 10Mbps Full-duplex. There is a server connected to the switch running 10Mbps Full-duplex as well. How much bandwidth does each host have to the server?

- ☐ a. 100 kbps
- ☐ b. 2 Mbps
- ☐ c. 1 Mbps
- ☐ d. 10 Mbps

The correct answer is:  
10 Mbps

## Question 4

Not answered

Marked out of 1.50

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

**UIU-Cisco(config-if)#**

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

The correct answer is:

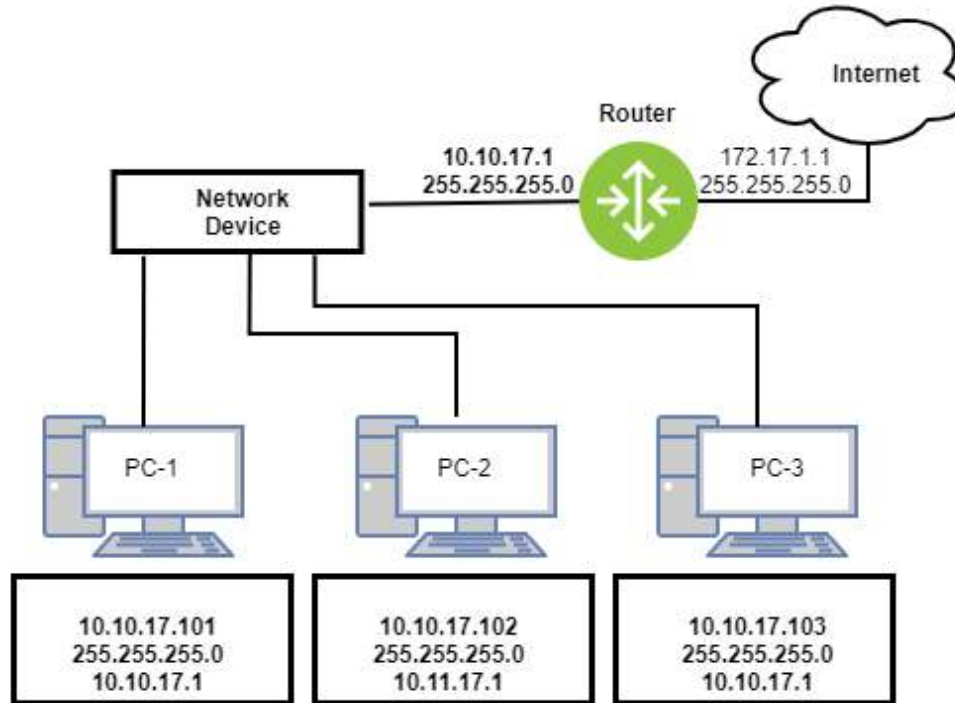
Interface Configuration Mode

## Question 5

Not answered

Marked out of 1.50

Refer to the topology, Chose the **Network Address** of the LAN Side.



- ☐ a. 10.10.17.0 255.255.255.0
- ☐ b. 172.17.1.1 255.255.255.0
- ☐ c. 172.17.1.0 255.255.255.0
- ☐ d. 10.10.17.1 255.255.255.0

The correct answer is:  
10.10.17.0 255.255.255.0

Question **6**

Not answered

Marked out of 1.00

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

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

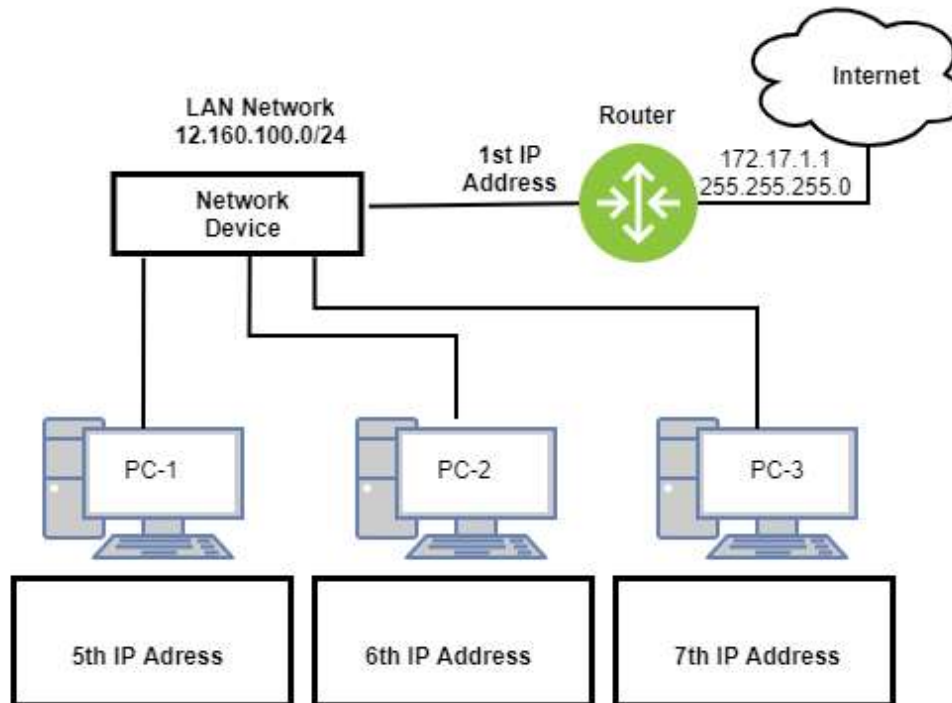
The correct answer is:  
STP Cable

## Question 7

Not answered

Marked out of 1.50

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



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



The correct answer is:  
12.160.100.6 255.255.255.0

Question 8

Not answered

Marked out of 1.00

You need to configure a server that is on the subnet 192.168.19.24/29. The router has the first available host address. Which of the following should you assign to the server?

- ☐ a. 192.168.19.33 255.255.255.240
- ☐ b. 192.168.19.0 255.255.255.0
- ☐ c. 192.168.19.26 255.255.255.240
- ☐ d. 192.168.19.25 255.255.255.248

The correct answer is:  
192.168.19.25 255.255.255.248

## Question 9

Not answered

Marked out of 1.50

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

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

The correct answer is:

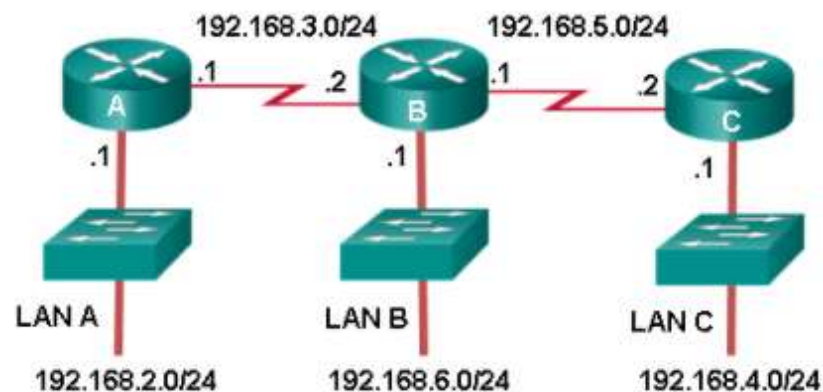
6

## Question 10

Not answered

Marked out of 1.00

Refer to the graphic. Which command would be used on router A to configure a static route to direct traffic from LAN A that is destined for LAN C?



- ☐ a. A(config)# ip route 192.168.3.0 255.255.255.0 192.168.3.1
- ☐ b. A(config)# ip route 192.168.4.0 255.255.255.0 192.168.5.2
- ☐ c. A(config)# ip route 192.168.4.0 255.255.255.0 192.168.3.2
- ☐ d. A(config)# ip route 192.168.3.2 255.255.255.0 192.168.4.0
- ☐ e. A(config)# ip route 192.168.5.0 255.255.255.0 192.168.3.2

The correct answer is:

A(config)# ip route 192.168.4.0 255.255.255.0 192.168.3.2

Question 11

Not answered

Marked out of 1.50

Find the **Usable IP Address** of Subnet Mask Prefix /30.

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

The correct answer is:

2

## Question 12

Not answered

Marked out of 1.00

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

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

The correct answer is:

A

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 Data retention summary