

To connect PC with router _____ cable is used.

Select the correct option

☒	Crossover Cable
☐	Straight-through
☐	Roll over
☐	Straight-forward

In packet tracer, _____ platform is not available to configure IP address on the routers and switches.

Select the correct option

☐	Global
☐	Config
☐	Desktop
☒	Physical

To connect PC with Hub _____ cable is used.

Select the correct option

☐	Straight-forward
☐	Crossover
☐	Roll over
☒	Straight-through

In Packet Tracer different options like save, zoom and undo are available in _____ bar.

Select the correct option

☐	Status bar
☐	Common tools bar
☒	Main toolbar
☐	Menu bar

_____ command is used to check the connectivity of device in a TCP/IP network.

select the correct option

☒	Ping
☐	Getmac
☐	IP
☐	Ipconfig

_____ is an address that uniquely identifies a physical adapter on a LAN.

Select the correct option

☐	IP
☒	MAC
☐	Logical
☐	Port

Configuration window in router has _____ modes.

Select the correct option

☐	Five
☒	Four
☐	Two
☐	Three

Fa denotes_____.

Select the correct option

☒	Fast Ethernet
☐	Final Ethernet
☐	Full Ethernet
☐	Fresh Ethernet

Which one of the following addresses is used to uniquely identify each device in a TCP/IP network?

Select the correct option

☐	UDP
☐	FTP
☐	TCP
☒	IP

In _____ routing, there is no bandwidth usage between routers.

Select the correct option

☐	Passive
☐	Alternative
☒	Static
☐	Dynamic

In _____ routing, there is no overhead on the router CPU.

Select the correct option

☐	Passive
☐	Dynamic
☒	Static
☐	Alternative

Which of the following address is used to get packets from a network?

Select the correct option

☐	Hardware
☐	Physical
☐	Port
☐	Logical

Which of the following cable uses light to carry signals?

Select the correct option

☐	UTP
☐	STP
☐	Coaxial
☒	Fiber Optic

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Which of the following cable is used to connect a hub with another hub?

Select the correct option

☐	Rollover
☐	Fiber
☐	Straight through
☒	Crossover

Windows will run _____ to verify the connection is good.

Select the correct option

☐	Network Diagnostics
☐	Network Designer
☐	Network Modeller
☐	Network Sniffer

Which of the following is not an installation component of Wireshark?

Select the correct option

☒	TShark
☐	Layout
☐	Plugins & Extensions
☐	Tools

Hub works at the _____ layer of OSI model.

Select the correct option

☒	Physical
☐	Network
☐	Session
☐	Application

Which of the following devices receives a weak signal and retransmits it with higher power?

Select the correct option

☐	Hub
☐	Switch
☒	Repeater
☐	Router

Which of the following Ethernet standard is known as thin coaxial cable?

Select the correct option

- ☐ RG-18
- ☐ RG-85
- ☐ RG-11
- ☒ RG-58

Which of the following cable is used to connect a hub with another hub?

Select the correct option

- ☐ Rollover
- ☐ Straight through
- ☐ Fiber
- ☒ Crossover

Which of the following is a routed protocol?

Select the correct option

☒	IP
☐	RIP
☐	POP
☐	FTP

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In Wireshark, _____ shows profile name.

Select the correct option

☐	Tool Bar
☐	Title Bar
☒	Status Bar
☐	Menu Bar

_____ device provides interface between two networks that uses different protocol technologies.

Select the correct option

☐	Bridge
☐	Switch
☒	Gateway
☐	Hub

Question # 3 of 10 (Start time: 10:10:03 AM, 06 June 2023)

In Wireshark tool, profile name is shown in the right side column of the _____

Select the correct option

☒	Status bar
☐	Tool bar
☐	Title bar
☐	Menu bar

Question # 4 of 10 (Start time: 10:12:07 AM, 06 June 2023)

In Wireshark, By default, the Packet List pane does not contain

Select the correct option

☐	Source
☒	Device
☐	Protocol
☐	Time

Question # 5 of 10 (Start time: 10:13:43 AM, 06 June 2023)

Which of the following device is used to interconnect two or more computer networks?



Select the correct option

☐	NIC
☒	Router
☐	Amplifier
☐	Repeater

Question # 7 of 10 (Start time: 10:15:27 AM, 06 June 2023)

In _____ routing all jobs are done automatically by routing protocol.

Select the correct option

☐	Direct
☐	Auto
☐	Static
☒	Dynamic

Question # 6 of 10 (**Start time: 10:14:41 AM, 06 June 2023**)

In _____ routing, there is no bandwidth usage between routers.

Select the correct option

☐	Static
☒	Passive
☐	Alternative
☐	Dynamic

Question # 8 of 10 (Start time: 10:16:26 AM, 06 June 2023)

----- is free open source software program.

Select the correct option

☐	Microsoft windows
☐	Microsoft office
☐	Adobe photo shop
☒	Wireshark

Question # 9 of 10 (Start time: 10:17:05 AM, 06 June 2023)

Which of the following device connects multiple network segments?

Select the correct option

☐	CPU
☐	NIC
☐	USB
☒	Bridge

Question # 10 of 10 (Start time: 10:17:57 AM, 06 June 2023)

..... protocols determine the method of packet delivery.

Select the correct option

☐	Rated
☒	Routing
☐	Routed
☐	Rolling

Question # 1 of 20 (Start time: 12:17:07 PM, 27 January 2023)

Which of the following is the correct subnet mask for the network address 172.29.0.0 to get 80 subnets

Select the correct option

☒	255.255.192.0
☐	255.255.254.0
☐	255.255.224.0
☐	255.255.128.0

Question # 2 of 20 (Start time: 12:18:36 PM, 27 January 2023)

ARP maintains a table with the combination of _____ and _____ address.

Select the correct option

☐	IP,Port
☐	IP, Subnet
☒	IP,MAC
☐	IP,DNS

Question # 3 of 20 (Start time: 12:18:59 PM, 27 January 2023)

Which of the following is correct formula to find total number of hosts per subnet in class C?

Select the correct option

☒	$2^8 - 2$
☐	$2^{16} - 2$
☐	$2^{24} - 2$
☐	$2^{32} - 2$

Question # 4 of 20 (Start time: 12:20:27 PM, 27 January 2023)

In class B IP address, if we have subnet mask **255.255.255.224** then slash/CIDR notation will be

Select the correct option

☐	/26
☐	/27
☒	/24
☐	/25

Question # 5 of 20 (Start time: 12:21:51 PM, 27 January 2023)

Which of the following is correct formula to find total number of hosts per subnet in class B?

Select the correct option

☐	$2^{32} - 2$
☒	$2^8 - 2$
☐	$2^{24} - 2$
☐	$2^{16} - 2$

Question # 6 of 20 (Start time: 12:22:58 PM, 27 January 2023)

In class B IP address, if we have subnet mask 255.255.192.0 then slash/CIDR notation will be

Select the correct option

☐	/17
☐	/18
☒	/20
☐	/19

Question # 7 of 20 (Start time: 12:23:49 PM, 27 January 2023)

Which of the following IP address class has the largest number of subnets ?

Select the correct option

☐	Class C
☐	Class E
☒	Class A
☐	Class B

Question # 8 of 20 (Start time: 12:24:09 PM, 27 January 2023)

----- is correct number of subnets in the CIDR notation 172.22.0.0/20

Select the correct option

☐	8
☐	64
☐	16
☒	32

Which of the following IP address class has the largest number of hosts?

Select the correct option

☐	Class C
☐	Class D
☒	Class A
☐	Class B

Question # 10 of 20 (Start time: 12:24:50 PM, 27 January 2023)

Which of the following is the correct size of Host bits in IP address of Class C?

Select the correct option

☐	24
☒	8
☐	12
☐	16

Question # 11 of 20 (Start time: 12:25:01 PM, 27 January 2023)

An IP address can be broken into _____

Select the correct option

☐	Physical and logical
☐	Larger and smaller
☒	Network and host
☐	Network and subnet

Question # 12 of 20 (Start time: 12:25:18 PM, 27 January 2023)

Which of the following is a valid distribution for class A IP address?

Select the correct option

☐	Network.Network.Network.Network
☐	Network.Network.Host.Host
☒	Network.Network.Network.Host
☐	Network.Host.Host.Host

Question # 13 of 20 (Start time: 12:26:02 PM, 27 January 2023)

Which of the following command is used to see the help feature of ARP?

Select the correct option

☒	arp -gethelp
☐	arp -help
☐	arp -?
☐	arp -all

Question # 14 of 20 (Start time: 12:26:30 PM, 27 January 2023)

Which of the following is a correct subnet mask for class B corresponding to the CIDR prefix /21?

Select the correct option

☒	255.255.255.0
☐	255.255.252.0
☐	255.255.254.0
☐	255.255.248.0

Question # 15 of 20 (Start time: 12:26:54 PM, 27 January 2023)

Which of the following command is used to view the ARP table in the Windows operating system?

Select the correct option

☐	arp -view
☐	arp -v
☒	arp -a
☐	arp -address

Question # 16 of 20 (Start time: 12:27:20 PM, 27 January 2023)

Which of the following is a correct class B IP address?

Select the correct option

- | | |
|----------------------------------|------------|
| ☐ | 72.35.2.1 |
| ☒ | 192.30.2.1 |
| ☐ | 200.32.2.1 |
| ☐ | 172.31.2.1 |

Question # 17 of 20 (Start time: 12:27:39 PM, 27 January 2023)

Which of the following is not a valid class of IP address?

Select the correct option

- | | |
|----------------------------------|---------|
| ☐ | Class D |
| ☐ | Class G |
| ☐ | Class B |
| ☒ | Class A |

Question # 18 of 20 (Start time: 12:28:04 PM, 27 January 2023)

First octet of Class B lies between _____

Select the correct option

- | | |
|----------------------------------|---------|
| ☐ | 1-126 |
| ☐ | 224-239 |
| ☐ | 192-223 |
| ☒ | 128-191 |

Which of the following Ethernet standard is known as thick coaxial cable?

Select the correct option

- | | |
|-----------------------|-------|
| ☐ | RG-11 |
| ☐ | RG-58 |
| ☐ | RG-10 |
| ☐ | RG-12 |

Which of the following type of protocol determines the path of a packet through an inter-network?

Select the correct option

- | | |
|----------------------------------|---------|
| ☒ | Routing |
| ☐ | Routed |
| ☐ | Rated |
| ☐ | Rolling |
- 2:00 / 3:20