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Started on	Monday, 20 June 2022, 8:05 AM
State	Finished
Completed on	Monday, 20 June 2022, 8:43 AM
Time taken	37 mins 22 secs
Marks	27.00/30.00
Grade	**13.50** out of 15.00 (**90**%)

Question **1**
Complete
Mark 1.00 out of 1.00

HTTP is transport layer protocol

- ⦿ a.   False
- ○ b.   True

The correct answer is: False

Question **2**
Complete
Mark 1.00 out of 1.00

DNS is transport layer protocol

- ○ a.   True
- ⦿ b.   False

The correct answer is: False

Question **3**
Complete
Mark 1.00 out of 1.00

Extended ACL uses only source IP and source Port to take decisions

- ○ a.   True
- ⦿ b.   False

The correct answer is: False

Question 4

Complete

Mark 1.00 out of 1.00

The network mask of 130.14.17.0/24 can be written as:

- a.   255.255.0.0
- b.   255.255.255.252
- ⊙ c.   255.255.255.0
- d.   255.255.255.128

The correct answer is: 255.255.255.0

Question 5

Complete

Mark 1.00 out of 1.00

Standard ACL uses only source IP and source Port to take decisions

- ⊙ a.   False
- b.   True

The correct answer is: False

Question 6

Complete

Mark 1.00 out of 1.00

RIP can not be used for routing between different ASs

- a.   False
- ⊙ b.   True

The correct answer is: True

Question **7**

Complete

Mark 0.00 out of 1.00

When forwarding frames inside VLANs, we usually interconnect end users through routers

- a. False
- b. True

The correct answer is: True

Question **8**

Complete

Mark 1.00 out of 1.00

the IP 130.4.3.1 is class

- a. Class C
- b. Class A
- c. Class B

The correct answer is: Class B

Question **9**

Complete

Mark 1.00 out of 1.00

MAC address is only significant in the local network, whereas, IP address has significance on the internet.

- a. False
- b. True

The correct answer is: True

Question 10

Complete

Mark 1.00 out of 1.00

RIP is link state routing protocol

○ a. False

○ b. True

The correct answer is: False

Question 11

Complete

Mark 1.00 out of 1.00

OSPF is interior routing protocol

○ a. True

○ b. False

The correct answer is: True

Question 12

Complete

Mark 0.00 out of 1.00

When forwarding packets between VLANs, we usually interconnect VLANs with a switch

○ a. True

○ b. False

The correct answer is: False

Question 13

Complete

Mark 1.00 out of 1.00

UDP retransmissions are always caused by an expired retransmission timer or three duplicate ACKs.

○ a. True

○ b. False

The correct answer is: False

Question 14

Complete

Mark 1.00 out of 1.00

A Company has 161.17.0.0/18 and we want to have 4 subnets, then the new subnet mask will be:

○ a. 255.255.128.0

○ b. 255.255.192.0

○ c. none

○ d. 255.255.255.0

○ e. 255.255.0.0

◉ f. 255.255.240.0

The correct answer is: 255.255.240.0

Question 15

Complete

Mark 1.00 out of 1.00

FTP is transport layer protocol

○ a. True

◉ b. False

The correct answer is: False

Question 16

Complete

Mark 1.00 out of 1.00

Which IP address can be used in 170.15.4.28/30

○ a. none

○ b. 170.15.4.9

○ c. 170.15.4.1

◉ d. 170.15.4.30

○ e. 170.15.4.8

The correct answer is: 170.15.4.30

Question **17**

Complete

Mark 1.00 out of 1.00

A router can have more than one IP address

○ a. False

◉ b. True

The correct answer is: True

Question **18**

Complete

Mark 1.00 out of 1.00

The switches are multi-collision domain

○ a. False

◉ b. True

The correct answer is: True

Question **19**

Complete

Mark 1.00 out of 1.00

In OSPF, it is possible to change the cost of a link

◉ a. True

○ b. False

The correct answer is: True

Question 20

Complete

Mark 1.00 out of 1.00

The wildcard mask of 255.255.255.0 is

- a. 255.255.0.3
- b. 0.0.0.3
- ◉ c. 0.0.0.255
- d. 255.255.255.252
- e. none

The correct answer is: 0.0.0.255

Question 21

Complete

Mark 0.00 out of 1.00

A router decides on a route for an IP packet based on its source and destination address

- a. True
- ◉ b. False

The correct answer is: False

Question 22

Complete

Mark 1.00 out of 1.00

The ISP provided you with the following IP ranges, 192.0.3.0/27 and 192.0.3.32/27, both ranges can be summarized to 192.0.3.0/26

- ◉ a. True
- b. False

The correct answer is: True

Question **23**

Complete

Mark 1.00 out of 1.00

BGP can not be used for routing between different ASs

- a. False
- b. True

The correct answer is: False

Question **24**

Complete

Mark 1.00 out of 1.00

"Ping" command tests the network connectivity between the source and the intermediate devices only

- a. True
- b. False

The correct answer is: False

Question **25**

Complete

Mark 1.00 out of 1.00

RIP Protocol use UDP in the transport layer while BGP use TCP

- a. False
- b. True

The correct answer is: True

Question 26

Complete

Mark 1.00 out of 1.00

The networks 140.23.2.0/24 and 140.23.3.0/24 can be summarized as:

- ○ a.   none
- ○ b.   140.23.3.0/24
- ○ c.   140.23.2.0/24
- ◉ d.   140.23.2.0/23
- ○ e.   140.23.2.0/21
- ○ f.   140.23.2.0/22
- ○ g.   140.23.3.0/23

The correct answer is: 140.23.2.0/23

Question 27

Complete

Mark 1.00 out of 1.00

A layer-3 switch acts as a switch and a router

- ○ a.   False
- ◉ b.   True

The correct answer is: True

Question 28

Complete

Mark 1.00 out of 1.00

MAC address works at local area networks on top of UDP, whereas, IP address used on the internet

- ○ a.   True
- ◉ b.   False

The correct answer is: False

Question **29**

Complete

Mark 1.00 out of 1.00

OSPF is distance vector routing protocol

    a.   True

    b.   False

The correct answer is: False

Question **30**

Complete

Mark 1.00 out of 1.00

Dividing the network into subnets can be done using routers

    a.   False

    b.   True

Da

The correct answer is: True

◄ Announcements

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