Started on	Tuesday, 21 November 2023, 7:56 PM
State	Finished
Completed on	Tuesday, 21 November 2023, 8:14 PM
Time taken	18 mins 11 secs
Grade	<b>15.50</b> out of 20.00 ( <b>77.5</b> %)

## Question 1

Correct

Mark 1.00 out of 1.00

According to CIDR notation, choose the range of IP address for 223.2.1.0/23

- a. 223.2.1.0 to 223.2.1.255
- b. 223.3.0.0 to 223.3.3.255
- oc. 223.1.1.0 to 223.1.1.255
- d. 223.2.0.0 to 223.2.1.255

Your answer is correct.

The correct answer is:

223.2.0.0 to 223.2.1.255

/22/23, 3:41 PM	MCQ 8 : Network Layer: Attempt review
Question 2	
Partially correct	
Mark 0.50 out of 1.00	
Routing table consist the information related to	
☑ a. Next Hob ✓	
- Next Hob	
b. Destination	
Your answer is partially correct.	
You have correctly selected 1. The correct answers are:	
The correct answers are.	
Destination,	
Next Hob	
Question 3	
Correct	
Mark 1.00 out of 1.00	
Which of the following cannot change when a device is moved f	rom one location to another location?
Which of the following camor change when a device is moved in	on the recutor to unother recutor.
a. IP Address	
Your answer is correct.	
The correct answer is:	
MAC Address	

Question <b>4</b>	
Correct  Mark 1.00 out of 1.00	
Walk 1.00 out of 1.00	
The indicates how many router hops a datagram can	ា traverse before it reaches destination.
o a. <sub>IP</sub>	
⊚ b. TTL ✓	
C. Router	
○ d. <sub>IPv4</sub>	
Your answer is correct.	
The correct answer is: TTL	
Question 5	
Correct	
Mark 1.00 out of 1.00	
According to CIDR notation, choose the subnet mask for 223.	.1.1.2/23
a. 255.255.255	
● b. 255.255.254.0 ✓	
C. 255.255.255.0	
Od. 255.255.255.254	
Your answer is correct.  The correct answer is:	
255.255.254.0	

1/22/23, 3:41 PM	MCQ 8 : Network Layer: Attempt review
Question 6	
Incorrect	
Mark 0.00 out of 1.00	
According to CIDR notation, the possible number of hosts for tl	he IP address with 223.1.1.0/23
Note: Consider first and last addresses can also be used	
a. 510    ×	
○ b. <sub>1024</sub>	
○ c. <sub>254</sub>	
254	
○ d. <sub>512</sub>	
Your answer is incorrect.	
The correct answer is:	
512	
Question 7	
Correct	
Mark 1.00 out of 1.00	
IPv6 allows number of devices in a network than IPv4	
a. less	
b. same	
⊚ c. more ✓	
Your answer is correct.	
The correct answer is:	

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more

Question O
Correct
Mark 1.00 out of 1.00
White Production of the control of t
Wireless Routers are usually combination of
☑ b. Router ✓
☑ c. Switch ✓
Switch
Your answer is correct.
The correct answers are:
Switch,
Router,
Wireless Access Point
Question 9
Correct
Correct
Correct  Mark 1.00 out of 1.00
Correct
Correct  Mark 1.00 out of 1.00
Correct  Mark 1.00 out of 1.00  According to CIDR notation, choose the IP address for 223.1.1.2/23
Correct  Mark 1.00 out of 1.00
Correct  Mark 1.00 out of 1.00  According to CIDR notation, choose the IP address for 223.1.1.2/23
Correct  Mark 1.00 out of 1.00  According to CIDR notation, choose the IP address for 223.1.1.2/23   a. 223.1.1.1
Correct  Mark 1.00 out of 1.00  According to CIDR notation, choose the IP address for 223.1.1.2/23
Correct  Mark 1.00 out of 1.00  According to CIDR notation, choose the IP address for 223.1.1.2/23   a. 223.1.1.1
According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2
Correct  Mark 1.00 out of 1.00  According to CIDR notation, choose the IP address for 223.1.1.2/23   a. 223.1.1.1
According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2
According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2  c. 223.1.1.0
According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2
According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2  c. 223.1.1.0
According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2  c. 223.1.1.0
According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2  c. 223.1.1.0  d. 223.1.1.2
Correct  Mark 1.00 out of 1.00  According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2  c. 223.1.1.0  d. 223.1.1.2 ✓  Your answer is correct.
According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2  c. 223.1.1.0  d. 223.1.1.2
Correct  Mark 1.00 out of 1.00  According to CIDR notation, choose the IP address for 223.1.1.2/23  a. 223.1.1.1  b. 223.1.0.2  c. 223.1.1.0  d. 223.1.1.2 ✓  Your answer is correct.

/22/23, 3:41 PM	MCQ 8 : Network Layer: Attempt review
Question 10	
Correct	
Mark 1.00 out of 1.00	
What is the length of the IPv4 address?	
a. 16 hitc	
a. 16 bits	
b. 4 bits	
C. CAbite	
C. 64 bits	
d. 32 bits  ✓	
Your answer is correct.	
The correct answer is:	
32 bits	
52 5.00	
Question 11	
Incorrect	
Mark 0.00 out of 1.00	
Each block of IPv6 consists of number of bits?	
a. 32 bits	
O b. 64 bits	
64 bits	
o c. 16 bits	
Your answer is incorrect.	

The correct answer is:

16 bits

Question 12 Correct	
Mark 1.00 out of 1.	.00
Please select	all of the valid IPv4 addresses. Check all that apply.
a. 8.8.8	3.8 🗸
b. 25	57.70.312.49
☑ c. 192	2.168.1.1 🗡
□ d. <sub>123.4</sub>	456.123.456
Your answer in	
8.8.8.8,	
192.168.1.1	
Question 13 Correct	
Mark 1.00 out of 1.	.00
Which of the	following is a network layer device?
○ a. Br	rowser
O b. Ca	ables
© c. Ro	uter <b>~</b>
○ d. <sub>RJ</sub> ∠	45
Your answer i	is correct.
The correct a	
THE COHECT AL	Hatter 10.

Router

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Question 14 Correct	
Mark 1.00 out of 1.00	
Subnetting will improve the	
·	
☑ a. Easier Management ✓	
<sup>□</sup> b. Network efficiency   ✓	
C. Security	
C. Security	
Your answer is correct.	
The correct answers are:	
Security,	
Not a last of the control of the con	
Network efficiency,	
Easier Management	
45	
Question 15 Incorrect	
Mark 0.00 out of 1.00	
Ivial K 0.00 Out Of 1.00	
According to CIDR notation, the possible number of host:	s for the IP address with 223.1.1.0/22
Note: Consider first and last addresses can also be used.	5 101 the in dddress with EE5.111.0, EE
Note. Consider first and last addresses can also be used.	
○ a. <sub>254</sub>	
O b. 1024	
<sup>b.</sup> 1024	
○ c. 510	
510	
Your answer is incorrect.	
The correct answer is:	
THE COTTECT BITSWELL IS.	

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1024

/22/23, 3:41 PM	MCQ 8 : Network Layer: Attempt review
Question 16	
Incorrect	
Mark 0.00 out of 1.00	
According to CIDR notation, choose the number of bits represer	nting host ID for the 223.1.1.0/24
O a. 24	
○ b. <sub>32</sub>	
O c. 12	
⊚ d. <sub>8</sub> ×	
Your answer is incorrect.	
The correct answer is:	
24	
24	
Question 17	
Correct Mark 1.00 out of 1.00	
THAN 1.50 GAT OF 1.50	
Subnetting is the process of splitting a large network into many	smaller sub networks or subnets
Select one:	
True   ✓	
○ False	
The correct answer is 'True'.	

Question 18 Correct	
Mark 1.00 out of 1.00	
According to CIDR notation, choose the number of bits representing network ID for 223.1.1.0/24	
○ a. <sub>12</sub>	
b. 24  ✓	
O c. 32	
O d. 8	
Your answer is correct.	
The correct answer is:	
24	
Question 19 Correct	
Mark 1.00 out of 1.00	
forwards data between independent networks.	
○ b. Browser	
○ c. Cables	
O d. <sub>RJ45</sub>	
Your answer is correct. The correct answer is:	
Router	

Question	20										
Correct											
Mark 1.00	out of 1.00										
Whic	n of the follow	ing can change w	rhen a device	e is move	ed from (	one loca	tion to a	nother l	ocation?		
a.	IP Address	~									
O b	· MAC Addre	ess									
Your a	nswer is corre	ct.									
The co	orrect answer i	s:									
IP Ad	dress										
				f	¥	0	in	0	0		

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