Started on	Monday, 4 August 2025, 4:54 PM
State	Finished
Completed on	Monday, 4 August 2025, 5:16 PM
Time taken	21 mins 33 secs
Marks	15.00/20.00
Grade	<b>75.00</b> out of 100.00
Question 1	
Complete	
Mark 0.00 out of 1.00	
A network 10.0.0.0/8	is split into 256 subnets. What is the new subnet mask?
a. /10	
b. /9	
o c. /16	
o d. /24	
U. /24	
2	
Question 2	
Complete	
Mark 0.00 out of 1.00	
How many hosts can	a /29 subnet accommodate?
a. 8	
O b. 10	
O c. 14	
O d. 6	
Question 3	
Complete	
Mark 1.00 out of 1.00	
He was a basis	
How many subnets c	an be created with a /28 prefix in a Class C network?
O a. 4	
O b. 8	
© c. 16	
d. 2	
∪ u. ∠	

Question 4
Complete
Mark 0.00 out of 1.00
Have many total ID addresses are available in a 720 subnet?
How many total IP addresses are available in a /30 subnet?
○ a. 6
<ul><li>b. 2</li></ul>
○ c. 8
O d. 4
Question 5
Complete
Mark 1.00 out of 1.00
LITTD and are activities for an after OCI and also
HTTP operates at which layer of the OSI model?
○ a. Transport
O b. Network
o c. Presentation
d. Application
Question 6
Complete
Mark 1.00 out of 1.00
In which OSI layer do switches operate?
a. Data Link
○ b. Network
○ c. Transport
○ d. Physical
Question 7
Complete
Mark 1.00 out of 1.00
The OSI model has how many layers?
○ a. 6
○ b. 8
O d. 5

,	
Question &	
Mark 0.00 c	out of 1.00
What is	the broadcast address for the 192.168.10.64/26 subnet?
a	192.168.10.128
	192.168.10.65
	192.168.10.127
O d.	192.168.10.63
Question 9	)
Complete Mark 1.00 c	out of 1.00
IVIAIR 1.00 C	int of 1.00
What is	the CIDR notation for the subnet mask 255.255.258.248?
○ a.	
<ul><li>b.</li></ul>	
○ c.	
O d.	/26
Question 1	10
Complete	. (100
Mark 0.00 c	out of 1.00
What is	the network address of 192.168.1.75/27?
	192.168.1.64
<ul><li>b.</li><li>c.</li></ul>	192.168.1.0 192.168.1.128
	192.168.1.96
Question 1	11
Complete Mark 1.00 c	out of 1.00
IVIAIR 1.00 C	OC 1.00
What is	the Protocol Data Unit (PDU) at the Network layer?
О а.	Frames
O b.	
	Segments Packets
⊎ u.	I denets

23, 3.17	TW CN-OSI-Subhetting. Attempt review
Question 1	2
Complete	
Mark 1.00 o	ut of 1.00
What is	the subnet mask for a /26 network?
	255.255.255.0
	255.255.255.240
	255.255.255.192
<ul><li>d.</li></ul>	255.255.255.224
Question 1	3
Complete	
Mark 1.00 o	ut of 1.00
Which I	ayer establishes, manages, and terminates sessions between applications?
O a	Presentation
	Network
	Session
O d.	Application
Question 1	4
Complete	
Mark 1.00 o	ut of 1.00
Which I	ayer handles encryption and decryption of data?
О а.	Physical
	Session
	Presentation
<ul><li>C.</li></ul>	Transport
O u.	naisport
Question 1	5
Complete	
Mark 1.00 o	ut of 1.00
Which I	ayer is responsible for end-to-end delivery of messages?
( a	Data Link
<ul><li>b.</li></ul>	Network
© C.	Transport Physical
∪ d.	Physical

Question 16	
Complete	
Mark 1.00 out of 1.00	
Which layer of the C	SI model is responsible for path determination and logical addressing?
a. Transport	
b. Network	
c. Data Link	
d. Application	
Question 17	
Complete	
Mark 1.00 out of 1.00	
Which layer of the C	SI model is responsible for reliable transmission of data segments between points on a network?
a. Network	
<ul><li>b. Application</li></ul>	
oc. Session	
d. Transport	
Question 18	
Complete	
Mark 1.00 out of 1.00	
Which of the followi	ng IPs is a valid host in the 192.168.1.0/24 network?
a. 192.168.1.2	35
b. 192.168.1.1	
c. 192.168.1.0	
<ul><li>c. 192.168.1.0</li><li>d. 192.168.2.1</li></ul>	
od. 192.168.2.1	
d. 192.168.2.1	
d. 192.168.2.1  Question 19  Complete	
d. 192.168.2.1	
Od. 192.168.2.1  Question 19  Complete  Mark 1.00 out of 1.00	ng is a valid subnet mask?
Od. 192.168.2.1  Question 19  Complete  Mark 1.00 out of 1.00	
Question 19 Complete Mark 1.00 out of 1.00  Which of the following	2.255
Question 19 Complete Mark 1.00 out of 1.00  Which of the followi	
Question 19 Complete Mark 1.00 out of 1.00  Which of the followi  a. 255.255.128 b. 255.255.255	

Question 20	
Complete	
Mark 1.00 out of 1.00	

Which of the following is not a function of the Data Link Layer?

- a. MAC Addressing
- b. Error Detection
- oc. Framing
- d. Routing