Published using Google Docs

Report abuse

Learn more

ACN

Updated automatically every 5 minutes

ACN

Quiz 1 didnt happen for us. Quiz 2 was mostly based on Research Papers. Mid sem questions were based on mininet commands, ip addressing, csma-cd, error detection in DLL. End sem covered all the slides.

For SDN, these 3 videos will be really helpful Lecture 43: Software Defined Networking - I (Basics) Lecture 44: Software Defined Networking - II (Open Flow) Lecture 45: Software Defined Networking - III (Demo)

For P2P Bit torrent paper, these 2 videos were helpful P2P Bittorrent Part--1 P2P Bittorrent Part--2

It is important to focus on **slides**, as fill-in-the-blank type questions can come directly same as SNS.

Mid sem Questions:

Published using Google Docs

Report abuse

Learn more

ACN

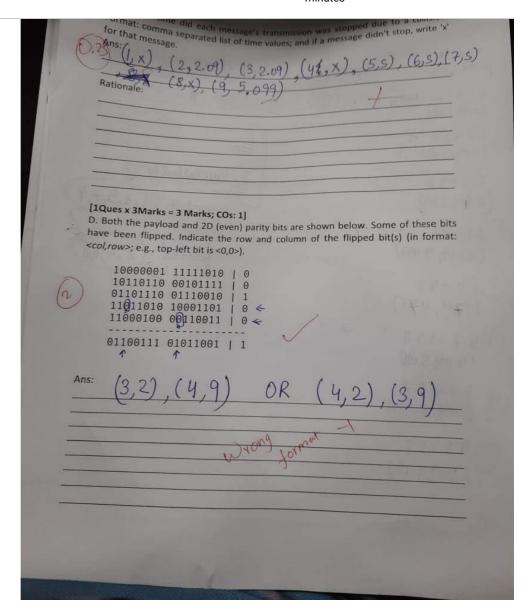
```
Required header import
class SingleSwitchTopo(Topo):
    # Assume the code to add hosts and links is present
def ToDoFunc():
    topo = SingleSwitchTopo(n=4)
    net = Mininet(topo=topo, host=CPULimitedHost, link=TCLink)
    net start()
     host dump (
    print "Testing network connectivity"
# 2. [ToDo] Ping all hosts via single command
    # Ans:
               host ping
   print "Testing bandwidth between h1 and h3"
# 3. [ToDo] Test bandwidth between host 1 & host 3
   # HINT: First get hostnames from network then iperf.
   # Ans:
   net.stop()
  __name__ == '__main__':
ToDoFunc()
```

Published using Google Docs

Report abuse

Learn more

ACN



Report abuse

Learn more

ACN

C. Consider the fig. (Os. 1)	
C. Consider the figure below, which shows the arrival of 9 messages for transmission at different multiple access wireless nodes at times t = <0.1, 0.6, 1.7, 2.6, 3.1, 3.4, 3.7, 4.7, 4.8> and each transmission.	
4.7, 4.8> and each traces wireless nodes at times t = <0.1, 0.6, angue all nodes are	
implementing the CSMA.CD. (C. 9 (.09)	
(5.9, 5.99) (2.99, 3.99) (3.79, 4.79) (5.09, 6.09)	
(2.09, 2.09) (2.99, 3.99) (3.79, 4 77) (5.01) (5.19, 6.19)	
0.1 0.6	
(=0.0 t=1.0 t=2.0 t=3.0 t=4.0 t=5.0	
(0.99,1.99) Suppose that the time from when a message transmission begins until it begins to be received at other nodes is 0.225 when the same state of the	
received at other nodes is 0.399 time units. So, if a node begins transmitting a	
massage at t-2.0 - Hodes is 0.399 time units. So, if a node performing	
carrier sensing in the interval [2.399, 3.399] will sense the channel busy. Also assume that a node close tops tops.	
that a node stops transmission instantaneously when a message collision is detected.	
For each message, indicate the time at which its transmission begins, or indicate	
each time value with a comma: and if channel is sensed busy, substitute	
Ans: () () () () () () () () () (
Ans: (1, 6.1), (2, 1.5), (3, (1.7), (4, 2.6), (5, s), (6, s), (7, s)	7
(8,4,7) 9(4,8)	
Rationale: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
after at 1.499 channel will be bury, so at 1.5,2 nd node will start from mission	
3rd mersage will find at 1.899 that Chammel is bugy, so it	
Will step from mission. for 5,6,7	
from of (2.99 to 3.99) Channel will be bury, then at 4.7 time units	
oth in the last of the said out	
8th will start thornistion. It will come to know about	
the collision at (5.099)	
2. Which messages transmit successfully? Format: comma separated list of messages'	
numbers that are shown in the figure.	
Ans:	
1,4,8 +	
Rationale: 10 1 10 10 10 10 10 10 10 10 10 10 10 1	
1st thomsmission > 0.1 to 1.1	
1 th 11 3 (2.6 to 3.6)	
- 47	
Qth " - (4.7 70 3.7)	. 3
G	

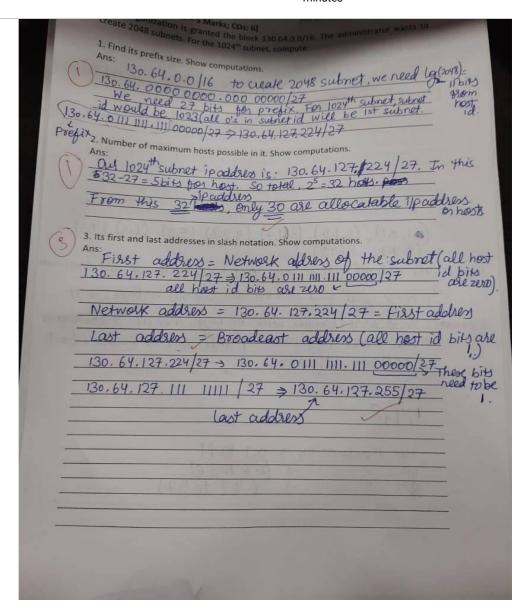
Published using Google Docs

Report abuse

Learn more

ACN

Updated automatically every 5 minutes



Some of the questions asked with senior batch:

Published using Google Docs

Report abuse

Learn more

ACN

Y	What is the broadcast address of the
	network 172.28.64.0 with mask 255.255.240.0?
	172.28.77.255
	172.28.78.255
	172.28.79.255
	172.28.80.255
	Cho ice - Sin gle Ans wer
	Which address could be the beginning address of a block of 32 classless addresses?
	2.4.6.5
	2.4.6.16
	2.4.6.64

Published using Google Docs

Report abuse

Learn more

ACN

	A simple parity-check code can detect errors.
	An even-number of
	Two
	No (i.e., zero)
	An odd-number of
	Single
	tiple Cho ice - Sin gle Ans wer
1	What is the first address of a block of classless addresses if one of the addresses is 12.2.2.127/28?
	12.2.2.0
	12.2.2.0

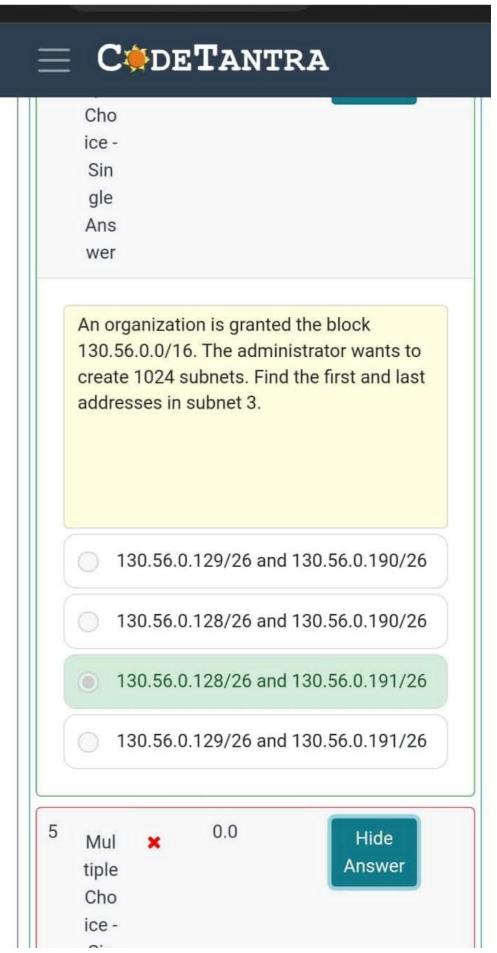
(i)

Published using Google Docs

Report abuse

Learn more

ACN



Published using Google Docs

Report abuse

Learn more

ACN

	In each station sends a frame whenever it has a frame to send.
	Pure ALOHA
	Slotted ALOHA
	Both pure ALOHA and slotted ALOHA
	Neither pure ALOHA nor slotted ALOHA
11	Mul x 0.0 Hide Answer Cho ice - Sin gle Ans wer
	An IPv6 address can have up to hexadecimal digits.
	O 16
	O 32

Published using Google Docs

Report abuse

Learn more

ACN

	A Flow Table has the following three sections?
	Rule/Action/Stats
	Flow/Action/Stats
	Rule/Instruction/Stats
	Entry/Action/Stats
6	Mul viple Cho ice - Sin gle Ans wer
	The checksum of 0000 and 0000 is
	1111
	0000
	1110
	0111

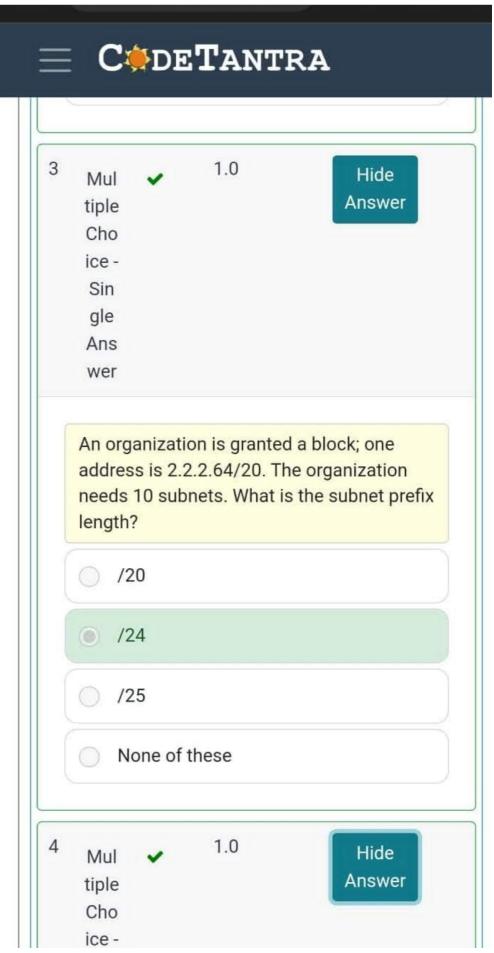
(1)

Published using Google Docs

Report abuse

Learn more

ACN



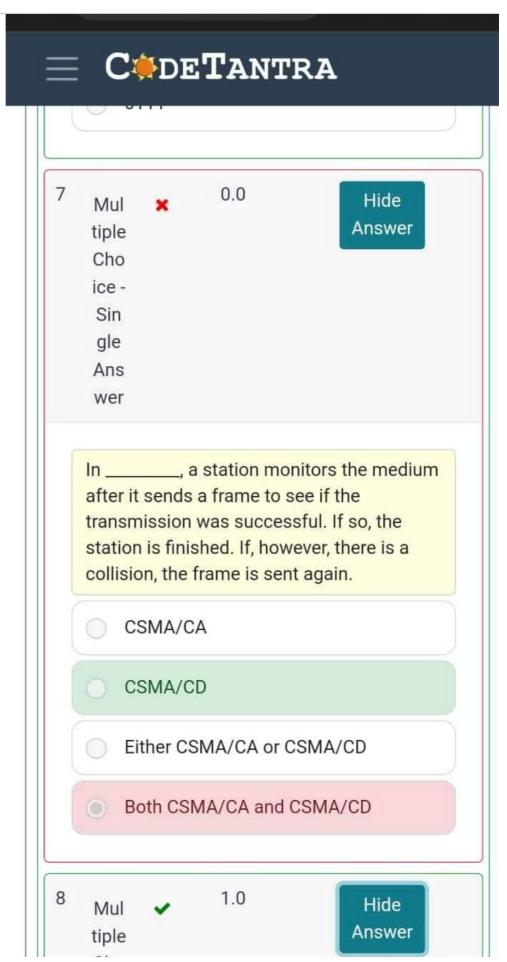
(1)

Published using Google Docs

Report abuse

Learn more

ACN



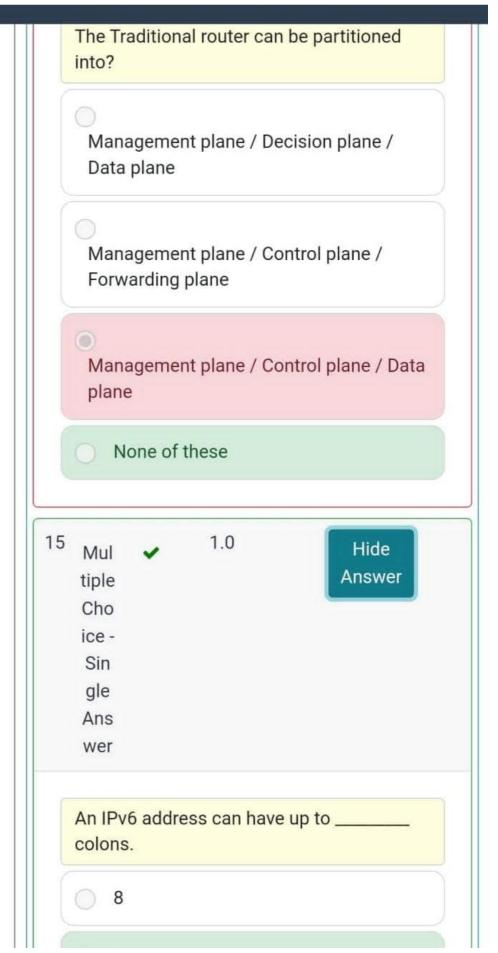
(i)

Published using Google Docs

Report abuse

Learn more

ACN

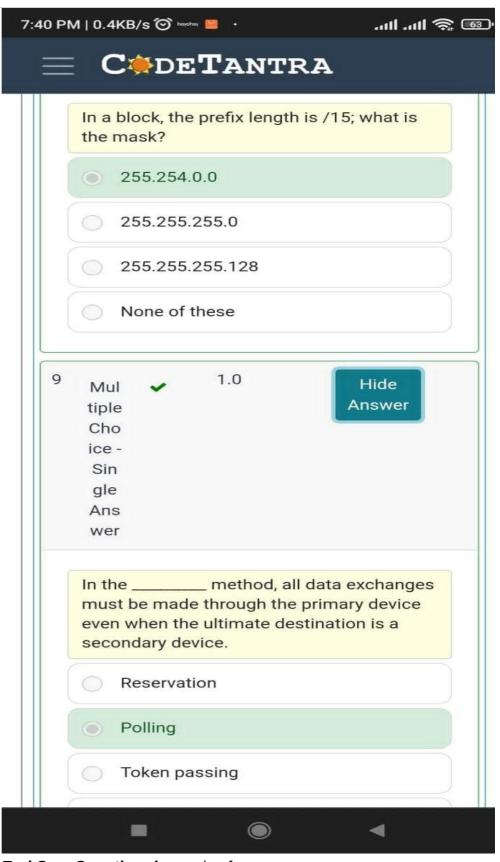


Published using Google Docs

Report abuse

Learn more

ACN



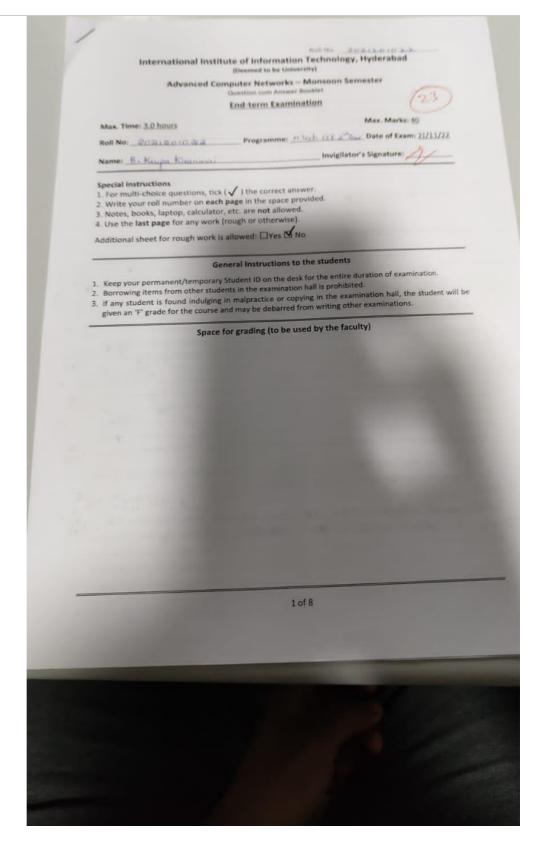
End Sem Questions(paper is of my friend):

Published using Google Docs

Report abuse

Learn more

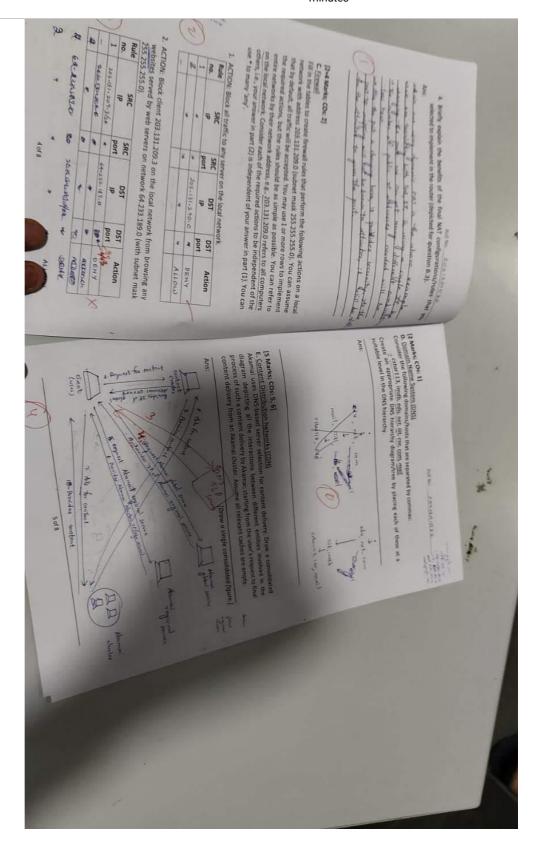
ACN



Report abuse

Learn more

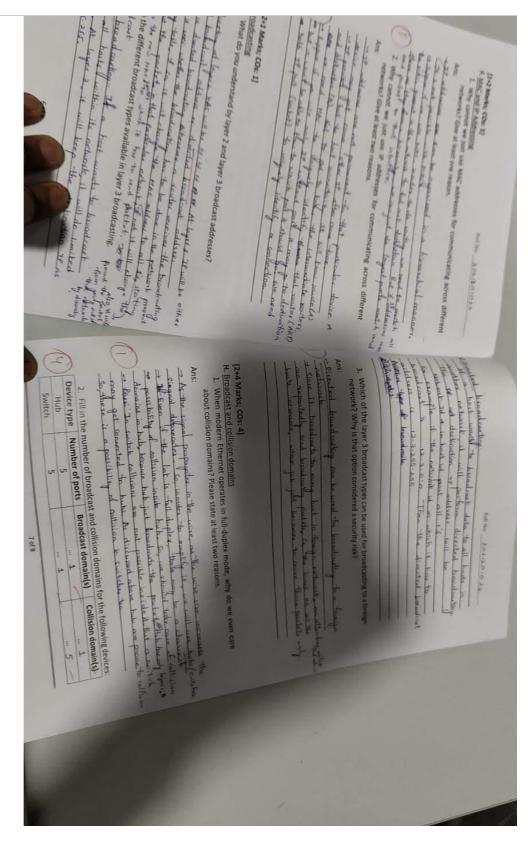
ACN



Report abuse

Learn more

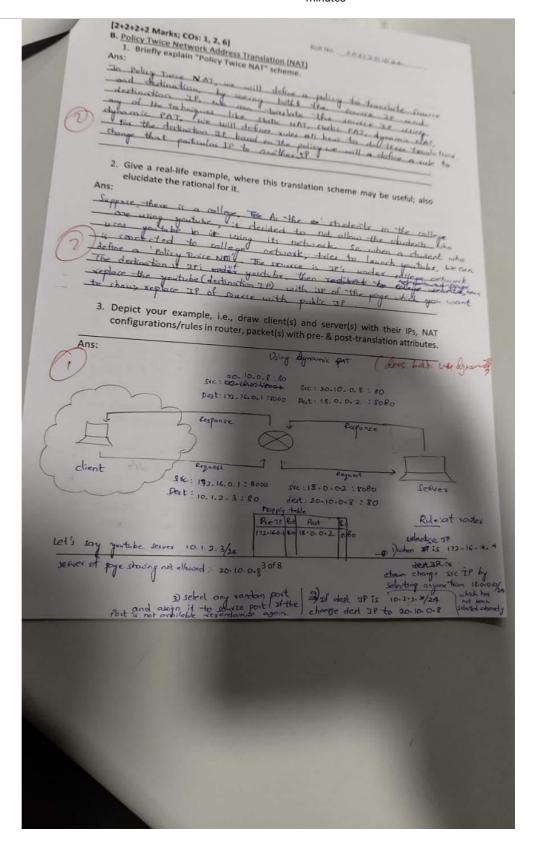
ACN



Report abuse

Learn more

ACN



Published using Google Docs

Report abuse

Learn more

ACN

