Mid Semester Examination, Spring - 2021

Name: Showon Borman Registration ID: 18201093

Semester: 2nd

transmiss Year: 3nd

Course Code: CSE 319 Course Title: Computer Networks

section: A

Exom date: 16-09-2021

4 No Que Ans

My birthey month is July.

so the new table in the below.

Department	Number of Hosts requirements
CSE	$60 \times 7 = 420$
CE	11 x 7 = 77
EEE	13 × 7 = 91
phy	51 × 7 = 35 7
Eng	40×7 = 280
LOH	89 X7 = 258 588
E Aidmin	12 ×7 = 84

class A private address is: 10-0-0.0

Name: Sharron Barman	Mid Semester	
	Nome: Showon Borons	
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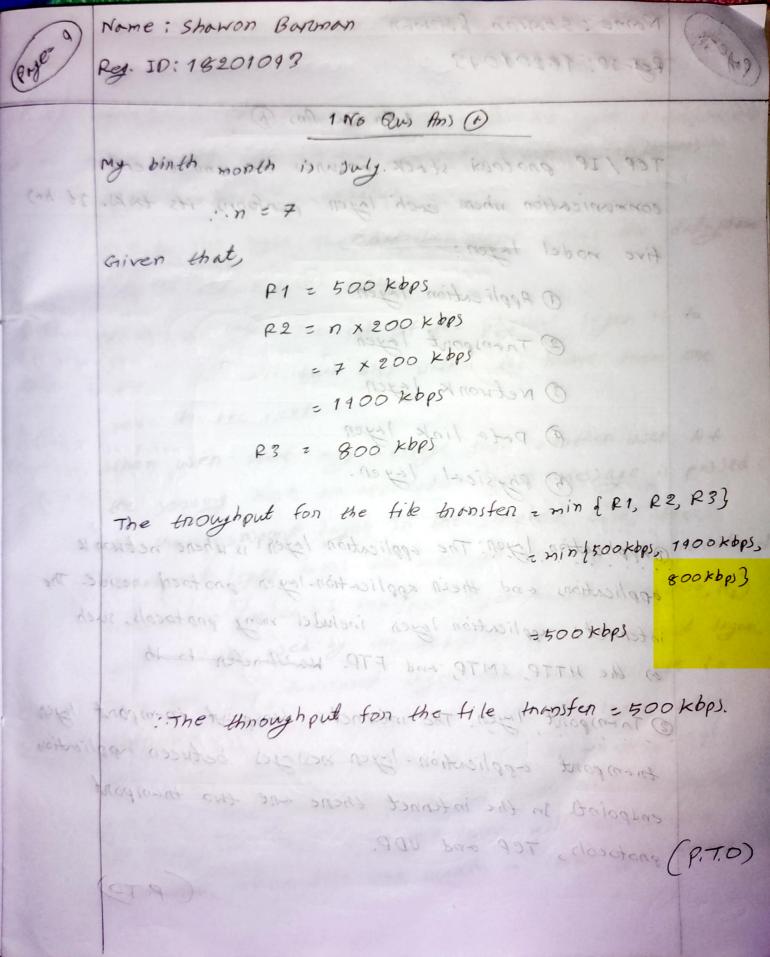
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Name: Showon Barman

Pg. 10: 16201093

Bose network is: 10.0.0.0/16

Network	Number of host	Network address	Subnet Mrsk	Finst host oddness	Lost host address	Broaderst address
Law	588	10.0.0.0/22	255.255.252.0	10.0.0.1	10.0.3.259	10.0.3.255
CSE	420	10.0.4.0/23	255.255.254.0	10.0.4.1	10.0.5.254	10.0.5. 255
phy	357	10.0.6.0/23	255.255.251.0	10.0.6.1	10.0.7.254	10.0.7.255
Eng	280	10.0.6.0/23	255.255.254.0	10.0.6.1	10.0.9-259	10.0.9.255
EEE	91	10.0.10.0/25	255. 255. 255. 128	10.0.10.1	10.0.10.126	10.0.10.127
Admin	84	10.0.10.126/25	255.255.255.128	10.0.10.129	10.0.10.254	10.0. 10.253
CE	77	10.0.11.0/25	255.255.255.128	10.0-11.1	10.0.11.126	10.0.11.127
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Nome: Showon Borrown

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1 No Bus Ans 1

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tive model layen:

- 1 Appliention layer
- 2 Transport layer
- 3 Network layer
- D Dola link layer
- Es to 12 12 mine = notional dit all not tradent att

application layer: The application layer is where network application-layer protocol reside. The internet's application layer included many protocols, such as the HTTP, SMTP, and FTP. Herthrefer to the

OTHER point lyen. The internet's tenspoint themport lyen to the point application - layer nessayes between application enspoints. In the internet there are two transpoint protocols, TEP and UDP.

(PITO)

Nome: Shakon Barman

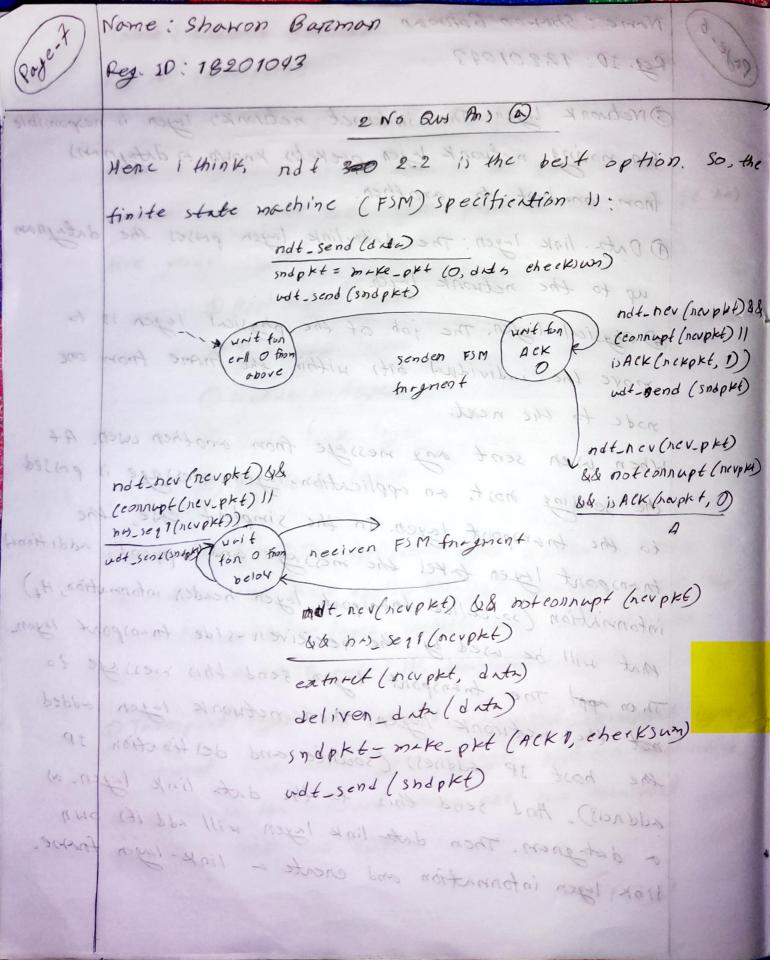
Reg. 10: 18201093

3) Network byen: The internet network's layer is nesponsible for noving network layer pockets known is distincted from one boot to another.

Dota-link legen: The data-link legen prises the data-prom

physical layer. The job of the physical layer is to move the individual bit, within the frame from one node to the next.

When wen sent any nessage from another wen. At the sending nost, on application-layer message is possed to the toursport layer. In the simplest case, the thanport lyen tokes the message and appent additional information (so-called than port layer header information, H) Ant will be used by the neciciven-side toursport layen Then and The transport layer send this message 20 and the network Payer. Then network layer added the host IP oddness (sounce and destination to addness). And send this to the data link luyen, as o destignem. Then dute link layer will add its own link lyen information and create a link-layer formse.



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Nome: Shawon Burmon

Reg. 10:18201093

2 NO Des Ans (6)

Henc i can use web cache on proxy serven. Because we know, web coche is a network entity that satisfies UTTP nequests on the behalf of an onigine web server. The web eache has its own disk stortje and keeps eopies of necently nequested objects in this storye. A when is also both a server and a direct at the same time. When it neccives nequests from and sends nesponses to a bnowsen, it is a server. When it sends nequest to and neceives nesponses from an anigin serven, it is + elient. Typically a web coche is punchased and installed by on ISP. Also ueb coche is not expensive. And the uploading and dounloading is very high the propey Jenven. That's why i can use web coche.