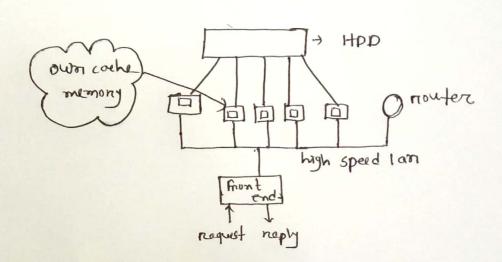
Ans to the a-03



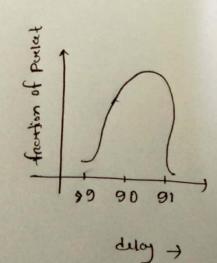
In this scenario we can see that this orentation of from doesn't share any couche memory. This has individual at couche memory of everyone. But in this case the server can only provide data which on it's own cache. The individual servers can not serve the whole data process. This may decrease the service of the form.

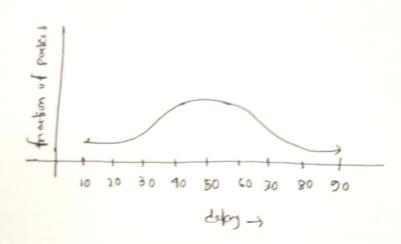
To increase the perstormance we can connect the server with an another share cache and two connect the

conhe of every pc with a hand drive and store all of them is a individual server. which will be able to acess the whole data stone and any of the individual can use the cache whe. Thus using a local hand drive for all the server we can increase the Partformance of the server form.

Ans to the a-03

for becmonlo 1:





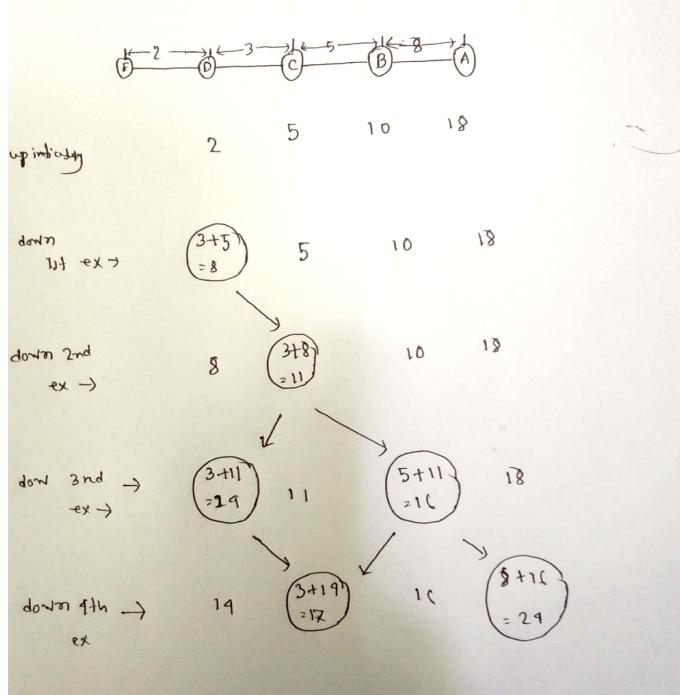
There means the delay variation. The data is send by the source travel to lestination and and mainted by the necessary Delay Vanition the means the difference between the dulcy. If delay Variation is high then it is called high differe and if low delay vonsation tuen low jitter. In multimedia communication on demand low filter is regulard. But in multimedia communication continory towarf parteur 13 rawined. It one parket come fost and construc

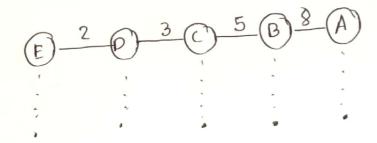
take time then the multimedia communication will face problem such as late round on late video Synchronitation is important. Delay is not a problem. But ip vortation of delay is high than the Problem Occur. 50, low jither is regulared In the Sceninio delay is higher but Variation is quite 100. All parket is required within 89-91 (ms). 50 low ditter wa But In 2nd seenonio delay Vaniation Is high (6-90) ms. so, there is high gitter.

freation of Porket		→ 641		some that be no sit!	
	delay				



Any to the Q-01





Doys

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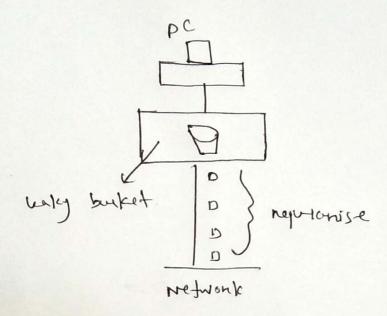
(MM)

Ans to the Q-2

Lealey burlest Algorithm com hub' to control
the flow which in turn helps network to
nemeria congretion free.

To Privide good quality of service we use this algorithm, under the traffic shaping, most of the time a host generate a busty amount of data at a time and turn it causes a messy interepretation. In this situation it occure a have amount of duta at a strage amount time and not data at a stryle amount of time fore long denation. A voly borket algorith is beign used to shop this discrimation in a regulare from of data. A leaky butest algorithm is implemented in Network Intenface cored (NIC).

Now, the way healey breket work is given below,



Giron that.

Rafe = 256 MB/Sec

Time = 050 u see

dadi 251 x 950

= 293.2 MB

whole route 32 mB/see

Mind

fine durention: doubte

293.2 MBIS = 293.2 × 1000 32 MBIS = 32

2 7600 mkc

An).

New thenshold = 1 x nn

Next to consecutive coges for window site

is: 129, 130, 131, 132, 133, 4, 5, 10, 20,