## 08 Quiz 8.

Q1) Why non perosistant cella protocol gives

SOL) In I porsistrat CSHA, when 2 stations of they are seady, collisions occurs if they are not so imported. Whereas in non persistrat not so imported. Whereas in non persistrat occurs, the charces of collision are lesser,.

CEHA, the charces of collision are lesser,.

Anorefore the rate of collisions is much entered as each station waits for a mordion sectured as each station waits for a mordion amount of time before attempting netronsmission.

anount of time before attempting netronsmission.

and have the probability that multiple stations and have the probability that multiple stations.

CH wait for the same amount of time is extended tow.

Non persistent COMA has beeter utilization the all than I persistent COMA because in the all than stations are constantly checked for the stations are constantly checked for other stations simultaneously.

Q2) Suppose thouse a charge in the algorithm for a postocol...

A charge in the algorithm at layer k causes no charge in layer k-1 and kt) causes no charge in layer k-1 and kt) as they outdepended to layer k too loss the operation of convices and interfaces provided the operation of convices and interfaces provided. by the layer k do not charge.

901

But if thouse a charge in the set of operations at layers k, then therelies there is no charge for layers are not used by the lower layers) layers are not used by the lower layers) whoreas, the services at layer k+1 are conseas, the services at layer k+1 are of be implemented again, affected and they have to be implemented again.

23) why toonsport layor is called ord-to-ord layor)

son) the transport layor is called an end-to-ord cornector clayer are it provides point-to-point cornector between the between the source and its destroyed destration to deliver the messages. It is seliable.

At the corder cide, there protocale break the mesages of application layer into segments and pass them to the network dayor. whereas, at the recovery era there accords segments at the recovery era there accords segments are reassembled and pasced to the application layer.

Hore one computer talks with onener computer.

SU) what are the Objectives of computer networking.

SU) In so computer networking thousands of communication computers are commercial through communication channels and the objective is to develop pointiffers to alwelop applicators the improve soliability, throughput waiting time, sesponse time and deadlines.

In operating eyetems, the objective was to develop ayoten called develop applications for horselivate of while improving throughput, sesponse time, deadlines and waiting times.

In verwooking, seliability us also a may major issue as the all the data may not be delivored.

83) Explain the difference between correctabless and corrector overta socia; ) our 2 comples for each.

say againg and use and toon away after whe usage, eg, move download, voice ever 17

In correctionless sorvice, messages are sequence of pages to delad separately. Eg. next messaging, but lesson seliability. Electronic junk mail, Query ng with lesson seliability. Electronic junk mail, Query ng senot senot

Corrector arouted is like telephone system. It is seliable, sequises a bardward of high range, seliable, sequises a bardward of high range, and hence congestion is not possible. It is preforted by larg and steady communication and is like a harderate method, requirising a connection a harderate method, requirising a connection establishment between the sender and receiver and also a connection termination.

Connection less service is more like a postal eyestern as it does not require connection establishment terminates. But this is less establishment terminates. But this is less established as all the packets do not follow soliable as all the packets do not follow the some path them sender to securer. Hore the some path them sender to securer there we send it requires a bandwidth congestion is possible and it requires a bandwidth of low rongs.