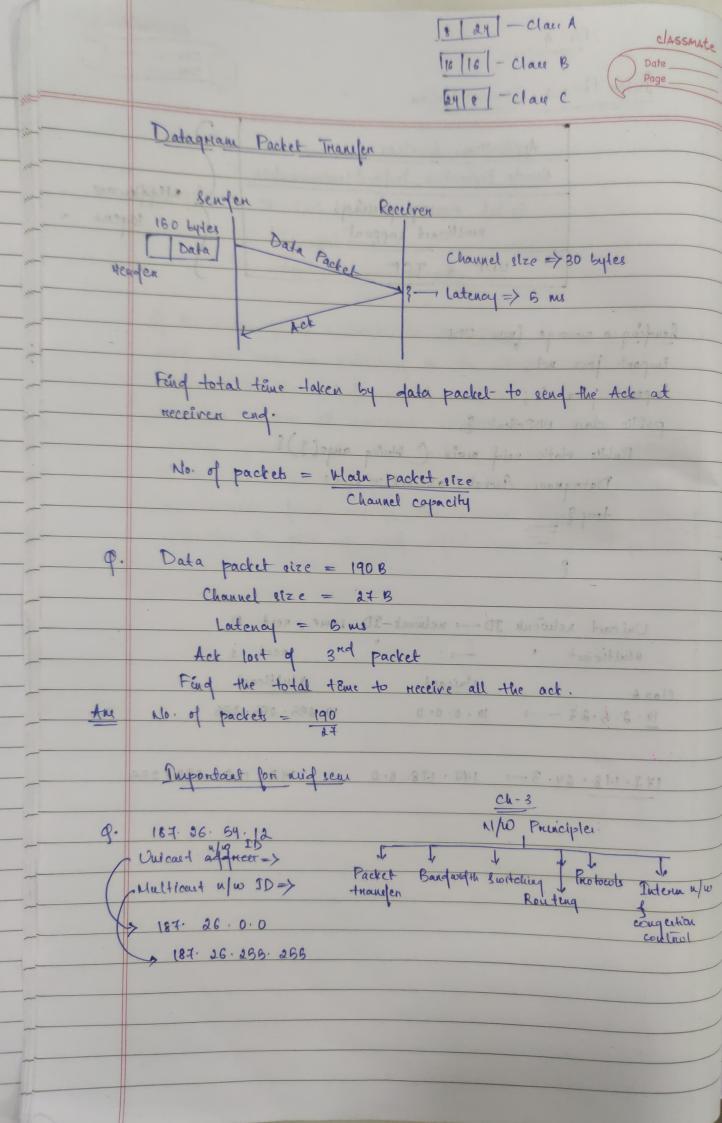
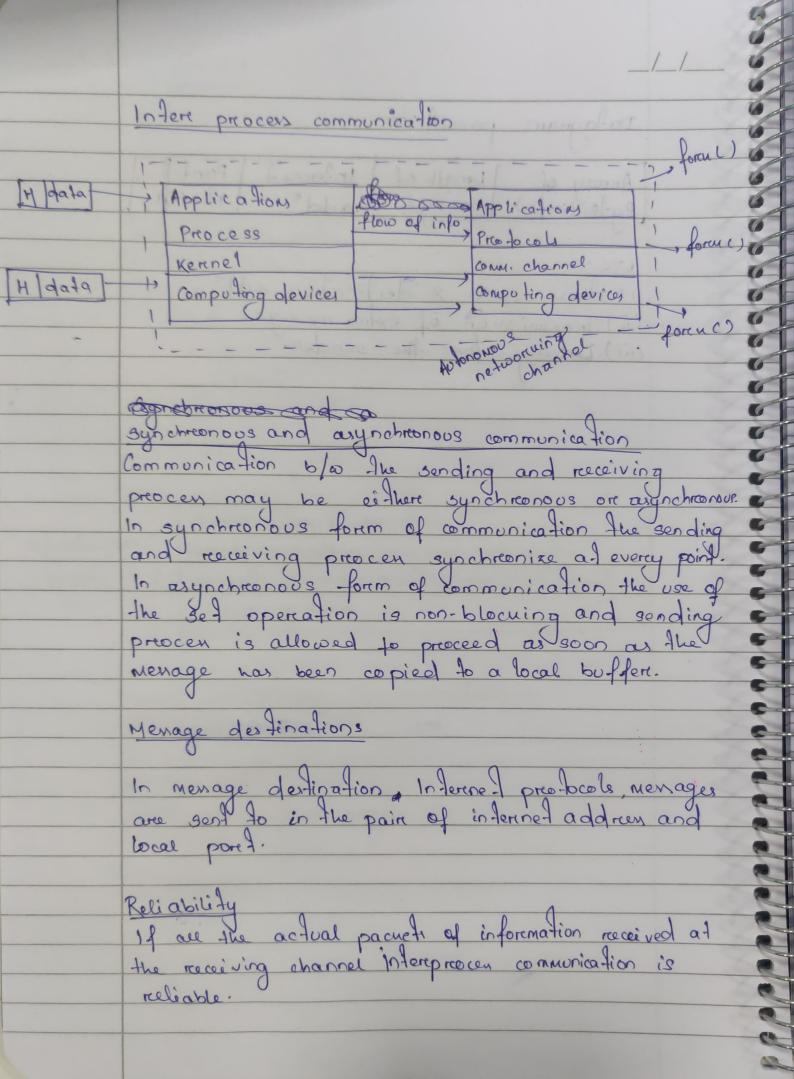
//

0	Da-lagram pacuel:	
	Annay of Length of Inference Port Byfes (info) menage add" Number	- Little
Wang.	Use: -	
		3 4 1 1 1
4	(1) 9 torce source x destination aga	1 septi
James .	(ii) ransmi vion of extra menages (iii) ralency for the sender.	
	(iii) bodency for the sender.	
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Ordering

Some application require that newage be delivered in senden orden. The delivery of newage out of senden orden is treated as a failure by such application

TCP sheam Communication

(i) Mexage Size

(ii) Lost messages

(ii) frow control

(iv) Mexage duplication and ordering

(v) Mexage destination

pord 80

Sender Receiving dannel

Headerdata Propagate

Manage size

Destination address

(pore 90)

Propagation Time (Tt) = 1 ms a= Tt

Propagation Time (Tp) = 1 ms

Efficiency (M) =

-> duplication through

 $N = \frac{1}{1+20} = \frac{1}{1+2} = \frac{1}{3}$

133ves in Afream Communication > Duplication of flow of da la (info) e Matching of data items Blocking of flow on the communication channel u) Inlegaty problem which checking the validation of receiving data. Use of TCP services HTTP - used for communication b/w web browsers and web servery FTP - Allows directories on a remote computer, to be browsed and files to be transferred. Telnet -> Provides accen by Means of a terminal servion to a remote compotera. SMTP - used to send mail b/w computery. Representation of remode object Reference Internal Poret time Object Internace of add" no. Remote object 32 bits 32 bits 32 bits 32 bit Multicon- Communication: -

Multican- Communication:
(i) fault folerance based on replicated services

(ii) Better performance through replicated of a fa

(iii) Discovering service in n/w system

(iv) Propagation of even- ordering.

	ovenlay networks
	It is a virtual n/w consisting of nodes and
	virefual linus which offers :-
	(a) a service for higher level communication
	(moltimedia content fransfer)
	(b) Provide more efficient operation for routing
	Q D Bertvere
_	
)	C_3
ال	I will be a second of the seco
	Ce
2	C1, C2, C3 -> Super noole
	- O > ordinary Horl
	handler that I have a strong of the
10	Types of overlay
	Distributed hash tables
	Peer-to-Peer file shareing
13	Content distrabution networks
	watered on 1 on 1 other
	wirelen ad hoc networks
	Disreption-folerant networks
	- asterianmed frestable.
1	Multicast
4	Resilience
	Bewreity
	paringhas former to high commercial