	TRANSPORT LAVER -
	Transport layer offers peerto-peer and end-to-ind connection
_	many and process on remote hours
0	Dersign Imus of transport layer
	(i) Addrining
	(2) Ernor control
	(3) Flow control washing and a series of the
	(4) Multiplining 1130913
	(6) Routing (2001) aras
	UDP (USER DATAGRAM PROTOLOL) - Commettein for protocol
	at like 1200: 13
	9t like UDP is like a facket mitching 9t provides
	a way for applications to send encapsulated IP datagrams without
2	having to establish a connection.
0	UDP Header Format -
	SOURCE PORT DESTINATION PORT
	LENGTH CHECKSUM
	T PATA STATE OF LAW (18)
	(by) Find in which to relieve a removalistal
	Pre-segment Checknum - Error Checking
	Carrying Unicast Multicast Real Time traffice -
	f Retrammimon is meaningles: No per-flow integrity needed.
	Bit rate is determined by code und: No flow control needed
	Per file distribe - regular marker had a RCK
	TEP (TRANFER CONTROL PROTOLOL) - Connection oriented protocol
	It determines how to heak application data into packets the
	networks can deliver, sends packets to and accepts packets from the

3 TCP Header Format -DESTINATION PORT SOURCE PORT SEQUENCE NUMBER ALKNOW LEOGENENT NUMBER WINDOW CHECKSUM URGENT OPTIONS (On 32 Itany) DATA (Vonis) TCP Connection Management -(Bt) Syn is used to establish connection Per regnent Integrity -3 Tep congistion control - Uning AIMD (Additive increase multiplicative decress Opening and shunking of window nie

w/companion

TCP flow control -Senders won't overum receivers heffer by transmitting two much two fast TCP Times Management -() Retransmitt times - to start retransmilling (2) Persist times - to prevent deadlocks (3) Repolito time - non-standard; to clean up redundant TCP Hates SESSION LAVER! APPLICATION LAVER -WWW - world wide well MTTP -> Hypertent transfer protocol SSH -> Secure Shell (couplographic, energhted returns putered) CSMIP - Simple mail transfer protocol MIME - Multipurpose Internet mail extensions (toendronge different data rigiles liske audio, video etc) IMAP -> Internet Merrage trees Protocol (for email returned and storage) DNS - Domain Name Server. SNMP - Simple Network management protocol (managing devices on IP networks) like router) SESSION LAVER-(accors rights) Servies - Authentication, Authorization Probab -> PAP (Pameral authentication Probable) SCP (Semin Control Protocol) 4.245 (Call control protocol for multimedia Communication

PRESENTATION LAVER -(II) Data Conversion Servicio. Character Code trampalion Compremon, Encryption and decryption Protocob -> LPP (hightweight Preuntation protocols) TELNET (remote terminal accum protocol) X-25 packet commbler (desam dessembler (PAD) completions to present dentitions the polar time - I have standard, to clean up reducations Tre as they show hit they - WWW SIM + Town that Creekbogathin consuptial faratory admost him alfant + 97 MD-MIME - Multipurpor Internst mail extens (the whole defined that the book and well) (yeart bus bouter liams of) CHAIR - Comple Meterole more must frection Consump direct to IP returned line Sure - Authorities to the war MISH ((all restors frosters) for well-makes