Why prolocols & standards	are needed	
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VIIIIA TITLE LINE	ATTOTAL AUVILLANCE	
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HOW are OSI and ISO relate	ed to each other	·
HOW are OSI and 100 TELL		
d Jaran	netion) model	
OST model (open system intercon	untimal stondard	4
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organization) in 1984. 150 is multinational organization	cuon in Tion	
is significational organization of contract cont	mmunicacio.	1
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OS I model to represent communi	641011·	
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What gu	mélic sho	pe is u	sed in
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Cellular	system desig	n	
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or briang	jular cell s	chapes in	over square
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irde	three limitations of cross-box switch?
-1	ing are three limitations of cross down
ollow	mg are mise
w70	and minds grows with the square
e num	ber of chapturened dations. This is castly for
1/4	ber of cross points grows with the square number of attached dations. This is costly for secretal prevents connection blue of cross point prevents connection blue
OUR	e sured over over connection blue
<u>e loss</u>	of cross joint prose lines intersect at
e 10	of cross point prevents connection blue of cross point prevents connection blue of devices whose lines intersect at
e_l	ross point. ross points are insufficiently utilized, ever all devices are active routy a small on of the crosspoints are engaged.
E_	ross points are notice copy a small
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1.	Is of SD bytes are being sont over a bps channel flow much fine will it
acke	so channel flow much fine will !
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Take	90 30
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Char	nel speed = 64 tops = 01000 g
time	to sead Soc packéls = ?
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me 7	then by Chames 10 300 E4000
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	4
ne do	send sor packels = 0 vo8 x 500

(iiv)	You have two computers connected
	by an Ethernet hub at
	home . Is this a van, wan or
	MAN WAN IN THE STATE OF THE STA
Terrental Section Statement of Section Methods (Section Section Sectio	WEWS ENDION WITH BOX
	Two computes connected a LAN, wall or
	Two computers connected by same Ethernel. Ethanel is used in law and has a limit
A CONTRACTOR OF THE PROPERTY O	and has a limit to the larget of able used wireless
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AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS	be considered LAN-
	34.
	(iii)
	Pice reasons of using
	frequentation and reducably
	Regions
	The communications network may
	0
	any occept placks of

data up for a certain rise. Error control con be more efficient with a smaller DOU size - with smaller PDU'S , fewer bils need to be retransmitted when a PDU suffers an error. and the second s what is subnetting & super nelling? Submetting is the practise of dividing a network two er more smaller newoold -91 increases routing efficiency. enhances the security of the network of reduce the time size of the broadout domain Supernetting is the apposite subnething . In this, multiple netwooles are combined

into a bigger retucale termed of Supernehuoode or supernetting. w It is used mainly in Route Summarization, where routes to multiple netwoodes with similar network prefixes ove combined into a single routing entry, with the routing entry bointing to a site reprose encompossing on the returbly. CXI) MATTER TO M What is a least- Cost algo? ICR is an algo that attempts to route each phone call using the lawest cost provider at of a predefined vendos pool. Conerally, in-switch "routing has been setup to handle lost Cost Routing. It is basically a pricing strategy used by telecommunications Pravicles.

Distinguish blu TCP, UDP TOP .. is connection-oriented protocol. TCP reachs clota as str bytes, and the message is transmitted to segmented boundries ICD is more reliable. It transfers data sencter can now send data. in the form packet. of packet is last or sent wrong order receiver asks to is a connectionless protocal. UDP mesages contains packets 2 64 also oneales for integrity in streaming.

DCCPi	
Datagram Congestion Control Protocol.	
m Dang.	-
is a message oriented transport	
2 street	-
Tayer Probable	
« Des implements reliable connection	
e) Deep chion	
selup, teardown, Explicit Congestion	
D. J. (Ecc.)	_
Markatian (Eng), andappour company	
Notification (ECN), congestion control and feature regotionion.	
(Silcotton).	
(iix)	
Assume six devices are arranged	
in a mest topology. How many	-
cables are so needed?	
How many Dorls are	
needed for each device?	
no no of devices orranged.	
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" n# (n-1)/2	
" n + (n - 1)/2	
	_
G* (E-1)/2	
G* (E-1)/2	
6 * (6-1)/2 6 * (5)	

