ATHARVA YADAU CN WRITTEN ASSUND I 823-127 ANY THREE Explain ISO 1082 Ref Model in altaly white a shouthote on 1. Ropology 2. IP Adduresses Differentiate between LAN, WAN, MAN Explain envious conhect mechanism in DII Explain Emernet grandars Q1] Ans:-The international standards ouganization (ISO) is q nultinational body dedicated to wantdwide agreement on internation Standards. It divides the purces communication purcesses into seven layers Reference model Name of mi Application Application Brusentation Protocol -> [puresentation a Trusentation gession Protocol > Session SPDU Session Troopant protocol TPOU Talansport Transport Parket > Netronk -> Network Netwood Reame Double link Prysical <> physical & Bit Prysical Physical. HOST A HOSTB

four in coming messages.

The main took of the data wink layer is to detected the main took of the data wink layer is to detected the main the sender break up the input data into data frames and thamits the promes sequentially. At the descining and this layer packages nawdota from the physical have into data frames gon deliney to the wetwork hayer

(iii) Network Layer.

The national layer continues the operation of the subut one to newark layer is responsible poor the delivory of individual packets from the source host to the distination host. A key design issue is determining how packets are aroused from source to distination.

(in) mansport hager.

manages the data masmission across a network

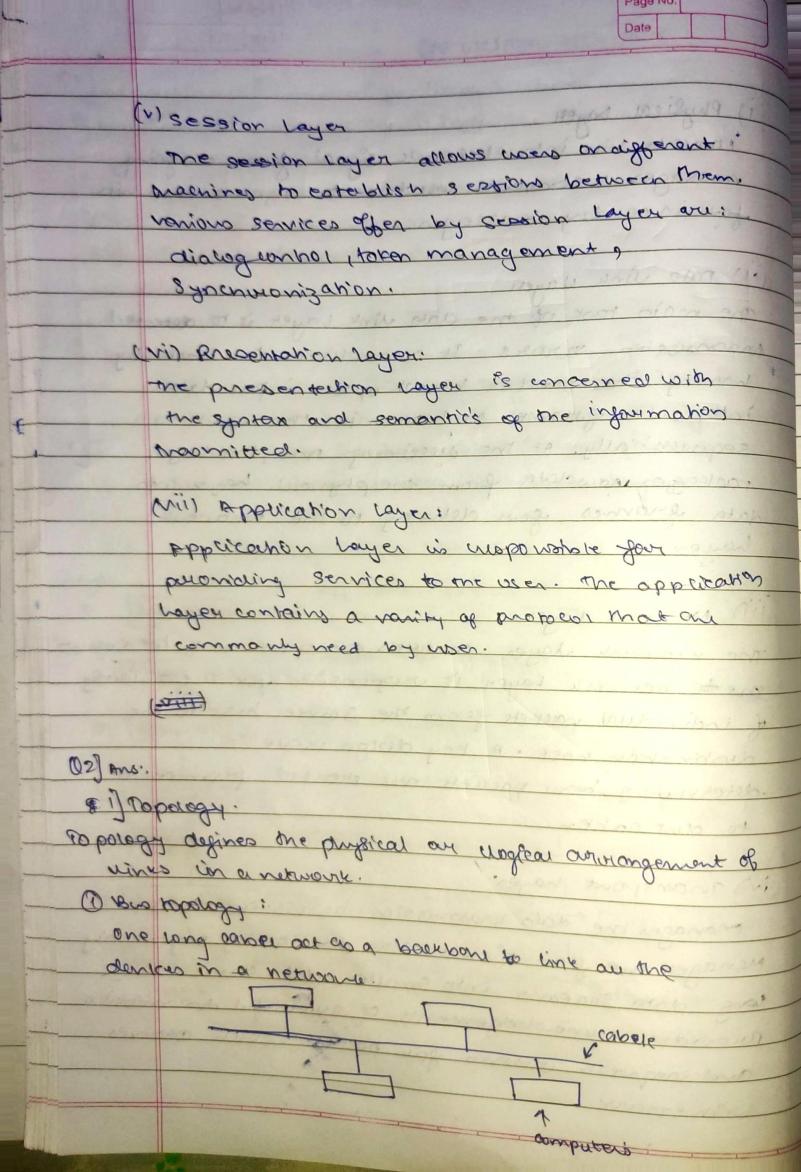
manages the gas of data bits pourlies by segmenting

tong data shreams into smaller data chinus

Anomides aumosteodgements of successful traomission

and requests ruseras four packets which arrives

with errors.



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		Date					
	LANGUAL SUPERIOR PERIOR SES	313	300	313	73 4	730 30	
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	ress exbensive						
	suitable your temory network					100	13
1	Disadvan tages:	/	> LA]	1	170 9	
	Not a fault to levant.		7	23.127	1	7.4	O.L
		0	P	ing	E	- MAN	13
	Tally spring of a	1	120	,	1	21100	2
((2) Ring ropology:	123	130	[]-	No.	0 94	1
	A Ringhopasogy is a bus topology in a c	lone	0	000.		V4.18	19
		-2.	0.0	1	1094	1334	,
	pear to peen LAN topology	No.		2		72.2	v
	Advontages				7		
1	Can Easy to word and reconfigure	١٠ ١٠		1637			
1	All hode with equal access.			وعي			1
1	Oig adverse	7 18	2001	1111	7 1	22.1	
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1	no security.			,		dang	
1			2000	3200	279	71 4	*
1	(3) Stan topology.					LOS M	7
	Each device has a decreated point to	0 00	And	Livela	he	W/A	N.
1	a uning controller or "HUB". The de						
		vice	,	N	H		-
1	whited to some other denice	tin	mort			compo	ten
	Dal on a trace of	7	0			1	
1	Action tages:			MO	10		
1	Easy to dusign and implement		100	1	1	1	
1	Scalable		cem	putan		compa	ter
	Disadrantages:						
1		noil	en.				
1				Hub			
	Bottle here due to overloaded Swi	in	lani				

THEE to pology: Thee topology was some variation from star topology. The nodes in the mase linked to central controller. Tues Topology Adv: HU6/ It allows more dentces switch to be attached in a single HUbl Switch annul conholler. It allows the network to periaritize MUBI switen The communication. B DISodv: Each denoce must be linted to & controller It require more motallation processes. Later unbordedi. Here overy didence has a direct point to point link & between every omerdovice. adv Node Nocle It eliminates the traffic problem. It is ono bustness. Now noces DIS adv move number of cables to be used. Every devices must be connected to some other denier

03) Ams Avea

DLAN: Local Network

LAN's are purirately owned networks mikin a

Single building our campus of up to few willometers
in size.

(AN's are destinguished based on

(ii) Their trasmission Teannology.

iii) hein opology.

LM's are instructed in size

single cable to which all machines are attributed when telephone company dires in usual mean

Advantages

ois ad van tages.

·) sharing Files

1) Revia Silvity

2) snaning of Programs

3) nigh cost.

3) communication Exchange

@ MAN: Metropolitian Area Network.

in a ge ographic area or region lay en than their convered by even a langer.

Man supports upto 150 KM DISTENSE

It was the grandond ogos.

Advantages.

Discidnantages.

Migh Bandwick

1) Large Space Req.

e) It supports ronge no of elients. e) sti

e) Slower Double Hecers

3) Reduce me Furrous.

3) Ngh 0084.

		Page No. Date
3	WAN: wide mua vetwonk	
,	coan's spans a large geogere prical area, offen a country or continent	
	re conteins collection of machine	for running.

The state of the s