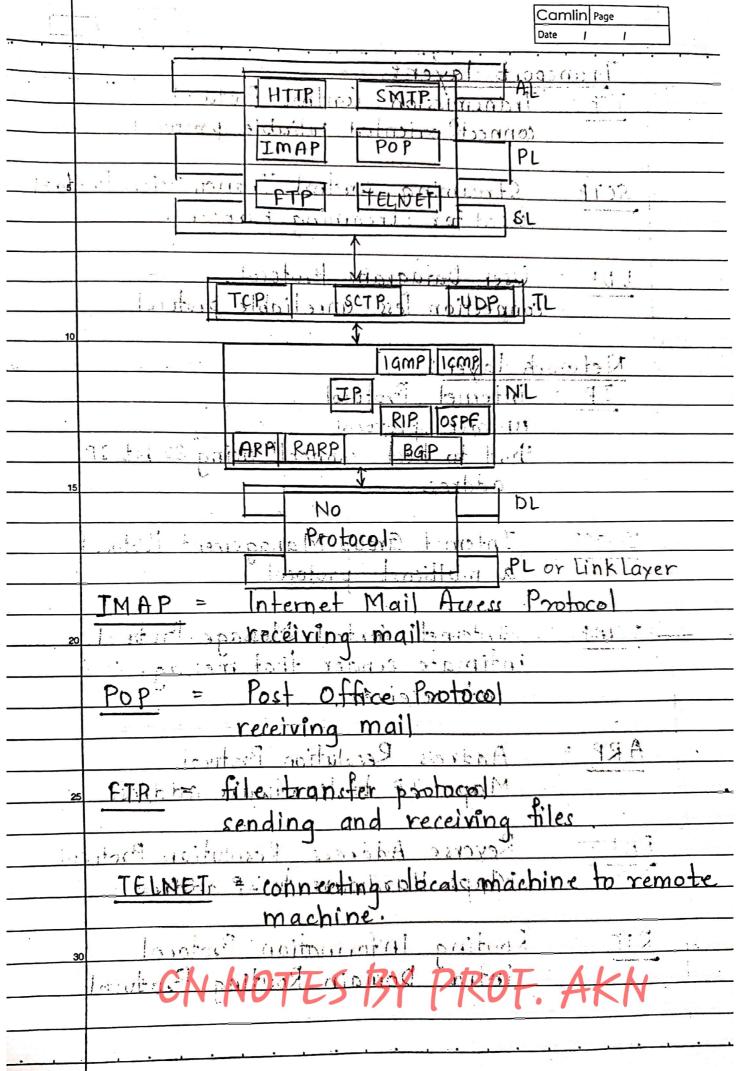
		Camlin Page Date I I
* * - :	Open System Interconnection : =-	(OSI)
		1001
	It is a 7 layer architecture defin	ed by ISO
	(International Standard Organicat	n) defines
5	how exactly the n/w works i-e. f	unctionality
	of each layer.	J.
	Sender	Receiver
	La solication	Data
	Application	Application
10	v Data	1
	Presentation	Presentation
	↓ Data	1
	Secsion	Session
-	Data 16 Bit Port	
15	Transport Address	Transport
	Segment	<u> </u>
	Network & Address	Network
	Packet	
	Data Link 48 bit MAC address	Data link
20	Frame	1
-	Physical	Physical
		1
	N/W	1.15
		•
25		
25		
100, 10000		
	CH KINTEC BY DEO	I ALK
	<u> </u>	( PIRM
		i.
30		

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2	Camlin Page
	CH MOTES BY PROF ALPAN
	Application layer:
	This vayer in responsible for interacting with
	theimuser of amount is into more of the
4	Eg : honagine lative b browser (http) to a ceess
1 5	Athor web page DM 11M 11 11 11
	has supplied admitted for an exist with
}	Presentation layer :- separate
•	This layer is responsible for taking data from
	application layer and perform following 3 things
10	(1) converting adia from user understandable
	form to system understandable form
	(2) Compression if required
• •	(3) Encryption for security.
	in the later of th
15	Session Layers :-
	This obayer is inexponsible form dialouge control and
100000	token management to establish winned with
	server sing or and did in the first in the server is the server in the server is the s
1/0	ofred paints by vorser but by me 1:01
20	Transport layer:
	This layer performe process to process communication
	for which it was 16 bit posty address:
	1+ ialso performs : - 15/0
	(1) Error control rayor acitarilagit (1)
25	(2) Flow control
and the same of th	(3) (ongestion control
	Network dayer & The Indiagnit
1	This layer performs host to host communication
.30	for which it per use's 32 bit IP address
100	olt also performs fragmentath if required?
	aliana each gas
	SCATTLEA WILD CATE SCA

•	CH KINTE ( ZV DDNE ALL)
	Data layer: S BY PROF. AKN
1	This layer maps a packet and converts it
	into a frame, this is known ac framing.
	It also performs error control and has a sub
5	layer known as MAC (Medium Access Control)
	that takes care of collision avoidance and
	prevention technique.
·	and extended to exist a sole of the second o
· · · · · · · · · · · ·	Physical layer:
10	this layer performs transmission of raw bits
	of o's and is ine electrical x/g to receiver's
	physical layer through network
	TCP/IP Protocol Suite:
15	Note: Protocol = Set of Rules
	TCP = Transmission Control Protocol
	IP = Internet Protocol
	It is a 4 layer architecture created before
	Ost model and focuses on defining protocok
20	at each layer
a;	A server server of the transfer of the server of the serve
	Application bayens
	It combines 3 layers of asl model i'e.
	(1) Application layer
25	(2) Presentation layer
	(3) Session layer
1	(8) SERSION WYET
	hu - H - artant Translar Protocologists 1
-; i	http = Hypertext Transfer Protocologists !!
i	for which if per uses the address
30	SMTRINE Sendito Simple Mail Margaretero Prototo
	cending mails.
	>cannea with Lam>car



GNI	VOTES ISY PROF. A Cate 1 1
Tr	ansport layer?
TCP	= Transmission Control Protocol
	connect <sup>n</sup> oriented reliable protocol.
s SCT	P = Streaming Control Transmission Protocol
-	used for streaming purpose.
1100	5 Maria Dalana
	= User Datagram Protocol connection less unreliable protocol
10	connection less unreliable protocol
Ne	twork layer:
II	= Internet Protocol
	unicast protocol
	host to host connect <sup>n</sup> using 32 bit IP
15	address.
IGI	1P = Internet Group Management Protocol
	a multicast protocol
	more of sevile light books of the
z Icn	intimate sender that message is
	intimate sender that message is
	not received
	inga painte at
AR	
25	Maps IP bo Hardware address
	pains and painting
RAR	P = Keverse Address Resolution Protocol
7. 7.038	Maps Hardware to IP addition
	machine
30 RIP	= Routing Information Protocol
	Intra Domain Routing Protocol

	Camlin Page Date 1 1
See was	OSPF = Open Shortest Path First
St.	Intra Domain routing Protocol
des	word that went are winter and in the
NO.	BGP = Border Gateway Protocol
5	Inter Domain Routing Protocol
	CN NOTES ISY PROF. AKN
The State of the S	est libration and selection of the selec