No. of the last of	
	PAGE NO DATE 3/7/22
·	Structure of the Network:
	eg: Amazon Order - Received
•	OSI Model: Cheretical)
4	standard to communicate
L	7 Layers
Y O	Application Desut
7	Presentation - ssc
1 0	2 Moneging connection Auth
3	Transport = Count in small parts), Error Control, anderson
ila) Router, communicating with other
	Network * Logical Addressing Load Boloncing Physical Addressing CMAC Address , Frame
©	Dota link ? Mardware, Bits, electionsignal, cables
3	Physical
	Metwork Loyer
	192,168.3.1
	Facebook
	192 16.8.1.1
1.20	B
	192.158.2.1
The same of the sa	192.168-1-1
75	
	TCP/IP Model CInternet Protocol Suite) CPractical)
	,
<u></u>	
0	
3	
<u>e</u>	
(e)	Physical

١.	Application Layer!		
→	Users Interact		
->	eg. Whatsapp Brouser Where - Devices		
•	Protocols		
·			
	Client - Server Architecture		
	Client Sevent		
	324064		
	(USETS) response		
	CMONY SERVERS		
	[Data Centers]		
	→ Static IP		
•	Pina > mudadia ii		
	ping > round - tip time from origin to host		
	we connot reduce the ping time		
	gove the ping time		
②	Pap (Peer - to - Peer) Architecture:		
	is in the chure		
	Everyone is a		
	Hybrid is possible		
	in Centralina		
	dotabases		
•	Types of perices		
0	Repeater - Doesn't amplify		
(2)	Mub - multiport repeater		
	4 Active		
	₩ Passive		



3	Bridge - Filters content CDL Loyer
	Ly Tronsporent
	4 source Routing
<u>@</u>	switch - Multiport Bridge From deding
	Parters - Metwork Layer
©	Goteway > Passage to connect to 2 diff net
<i>⊙</i>	Broter CBridge & Rater) - combination ,
	~
	Protocols
•	web Protocols
0]	
	L> HTTP / HTTPS
	C DHCP
	L> FTP
	4 SMTP - Send email
	- POP3 / IMAC - Receise email
	Ly SSH - Legin to other pc terminal
	-> VMC cuitoal Metwork computing)
	LA FEUNET CPOA 23) CHICH CONCODED
5	Data Loss
	Program: wholsopp
	Process send Record video
	CFectures) message video
	Set up Page open comera
	Thread
	Choes one
	single works

•	Sockets:
4	send message cinterface, software proces
•	Ports
	IP -> Tells which device we are walking with
	Ports + Tells us which application we are
	working with
→	Ephemeral Ports
	Servers need fixed part numbers
-	Clients can change on its own
	HTTP: CApplication Cayar)
	It uses Top (Transport Layer)
·	Stateless Protocal aserver doesn't store
	dient's information)
	Connection oriented
-	HTTP Methods
	Tells sever what to do
0	GFT -> request data
<u> </u>	POST + Send Data (Form)
<u> </u>	PUT
<u> </u>	DELETE
	Ermor (Status Codes
0	100 - Information
<u> </u>	2 xx - 2 Success
<u> </u>	3xx > Redirecting
<u> </u>	4>x > Client error
<u>(3)</u>	Sxx - Server error

PAGE No.	7		
DATE	3 /	7/22	_/_

	DATE 3 /7/
	cookies: unique string, stored in client browser
·	visit 1st time cookie is set
-	VISIT ! TIME COOKIE IS SET
	Third party cookies
1>	cookies set for will that you don't visit
	How email works:
	SMTP & POP3 CApplication)
	TCP CTransport)
	From Grail
	to Yohoo
	1 sorders Receives
	SMIP Sever
	(Deceiver)
	Sender
	is a It does directly
->	If gmail - gmail > It does directly
7	nslookup - type = mx gmail. com
*	nslooksp
	co at office Protocol
	Checeiving empil)
•	
	Arthonization > POP
	Transact
	IMAP centenet Message Access Protocol)
•	THAT CHILL
	•
	•
	. 9

