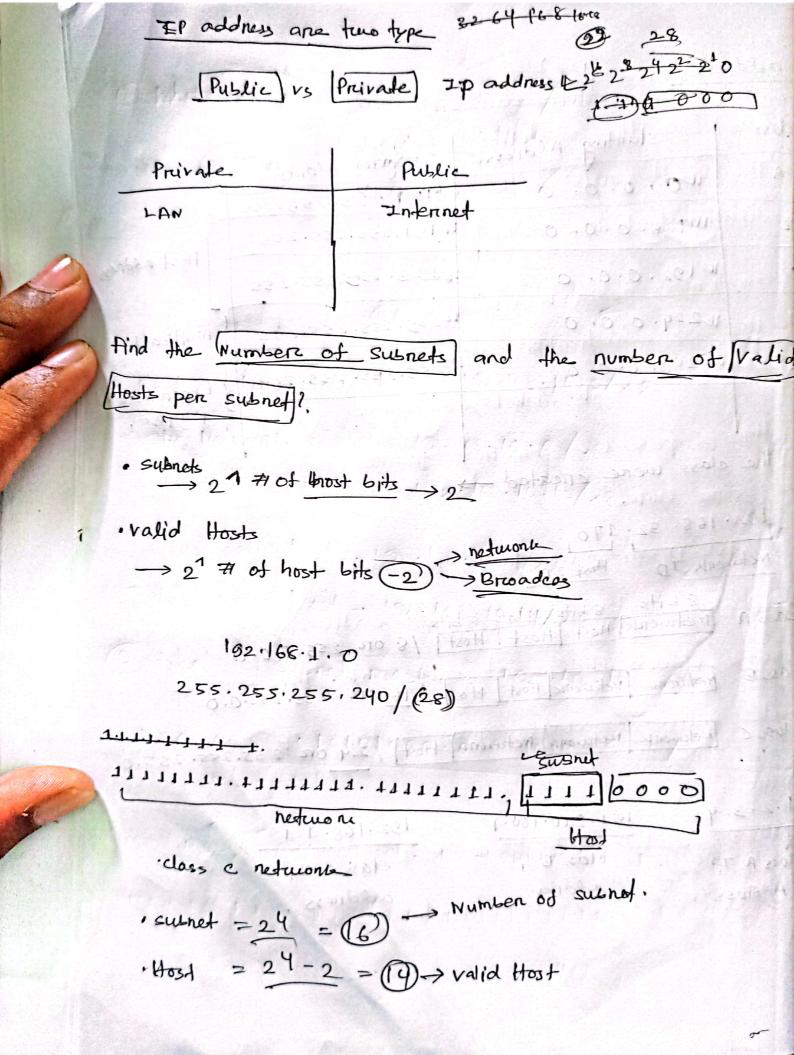
Ip addin	ess: (28)	47 (Shand or Sh	
			***
class	Starting Address	Ending CAL	
A	WO.0.0.0	H27.255.255.255	THE PIL
В	W128.0.0.0	H91.255.255.255	
t c	W192.0.0.0	1223, 255,255.255	Host Address
D	W224.0.0.0	4239.255.255.255	multicast
E	× 240, 0.0.0	£255.255.255.255	Experimental
	A	A F. A. S.	puripose,
0 6	English I would		
How the	class were created -	+ Lid trail to it	topali ,
			eall hipport.
	· 168 · 32 · 170	1 de la fata	
Netu	THE THE COURT		Y-12
class A	Retwork Host Host H	361+3	
	Host Host H	05+ 18 OR 255.0.0. C	)
class B	Network Network Host H	HOST / 16 OF 255. 255.	), D
Cluss C	Network Network Network	14 Host /24 OR 255.	255, 255.0
		CALLEL CLARKE	. 1 4 4 1 1 1 1 1
1.2.3	. 4 101.200.100.1	192.168.1.1	
V C	class B Ip	class c 1p	4 204
class A Addre	a de ness	address.	
riabile		Will June 12	hadre .



## How to Find All subret Numbers

192.168.10.5/287 CAPP -> classless interchomoring

(D) what is network address? 2 2 2 2 2 1

192.168.10.5/28

110000000.10101000.00001010.0000/0101

network bit

https://www.bit

Now !

Network address: All networks bits + subnet bits as its

11000000. 101001000. 00001010. 0000/0000 retwork Lit

Subret Host Lib

: retwork address = 102.168.10.0/28 200

1 What is Broadcast address ?

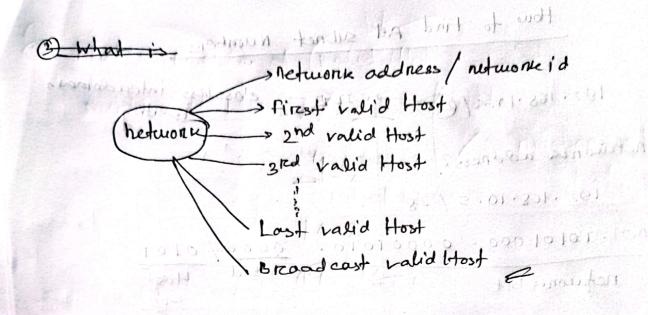
Broadcost address = All network bits - Subnet bits as it

: Broadcost address = 192.168.10.15

**CS** CamScanner

of ever history?

I lightly to suched proper



3) What is first valid Host? 192.168.10.5/28

Network address= 192.168.10.0/28 Broadians address = 192.188.10.15/28

.: fast valid Host = 192.168.10.4/28 Last valid Host= 192.168.10.14/28

(3) What is subnet mask 2 192.168.10.5/28 LE 11000000 10101000 0000 1010 0000 / 01011 Surnet Host

1 > 1 lost bill all 1

subnet masks All network bits + subnet bits 1, host bit 0 : swhotmask = 255, 255, 255, 290 L

@ What is Block site / host per subnet? more in larly Sylvet masks 5 255.255.255 (3) | Subned magle = 255, 255, 25 5,240 Block site / host per subnet = 256-240 3 What is number of subnet? subject mask = 255, 255, 255, 240 7 1 1 1 1 1 1 1 1 . 1 1 1 4 4 4 7 1 . FILLIII. IIII 0 000 network . Number of subnet 222

.: Number of subnet = 2 x

= 2 4

= 2 4

= 2 4

= 3 x = number of 1 in

subnet bit

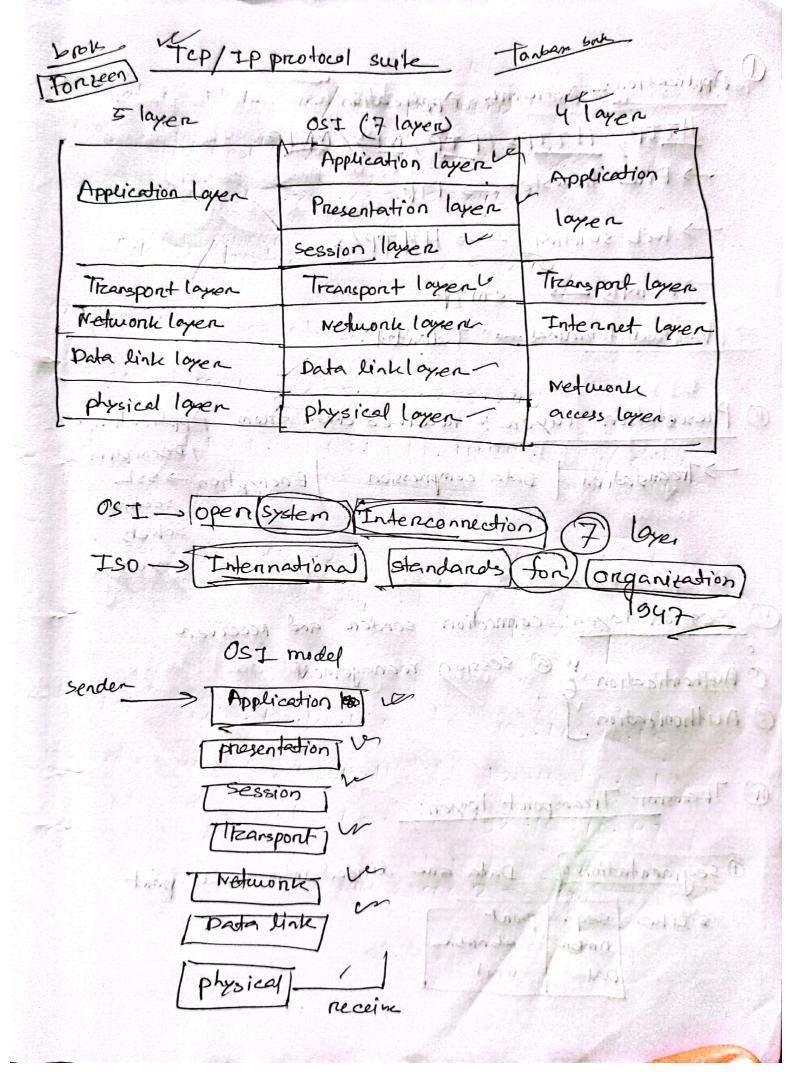
= 2 4

= 3 x = 9

1st subnet = 192.168.10.0 to 192.168.10.152nd subnet = 192.168.10.16 to 192.168.10.313rd subnet = 192.168.10.16 to 192.168.10.31

अलाह के काल धार शामा 256 पर्यो

@ What is number of (valid) Hos? Numer of hist=2/-2 Y= number of o in
That sit = 29-2 = 16-2 al-qrantêr 



1 Application: Naturale Application HTTP/HTTPS/FTP/NFS/NNTP -> File transfer -> PTP -> Web sunfing -> HHT-P/s -> Earnils -> smTp Vantual terminal - Telentet.

1 Presentation layer: received data from Application la 1 Description -> Trzanslation Data compression Brenzption -> SSL Secure sokeb Westernoon for the formation of Consile Layen

- (1) Session layer: connection sender and receiver @ Authonitation & Session management
- 1 Transport layer:

O segmentation of Data are divided into small part s like seq. pont non phonon Data unit

Flow control: ( Buron control) there are two protools are transport layer Senvices Protocol Connection-oriented Transmission -> (tcp)-> Transmission control Protocol Sonnection busless Tears. (UDP) -> (USER Datagram Protoco) (UDP) Network layer: transport layer are the sent data in network loyen. Ological addressing 1 Path determination Thry and Ipv6 (mask) OSPR BAD Pata link layen: Received package from Network byen

1 Logical addressing -> Network layer

Freeze the media -> control how data is placed and necessed from the media (media Access control)

(Ennon detection)

= physical layon; e

Signal signal media

Detp -> Dynamic Tp address -> Automatically assigned

Static Ip Address: manually assigned and donot changes.

more than a sign