

Name: Ahsan Arafat

Id:06607799

Batch:66(E)

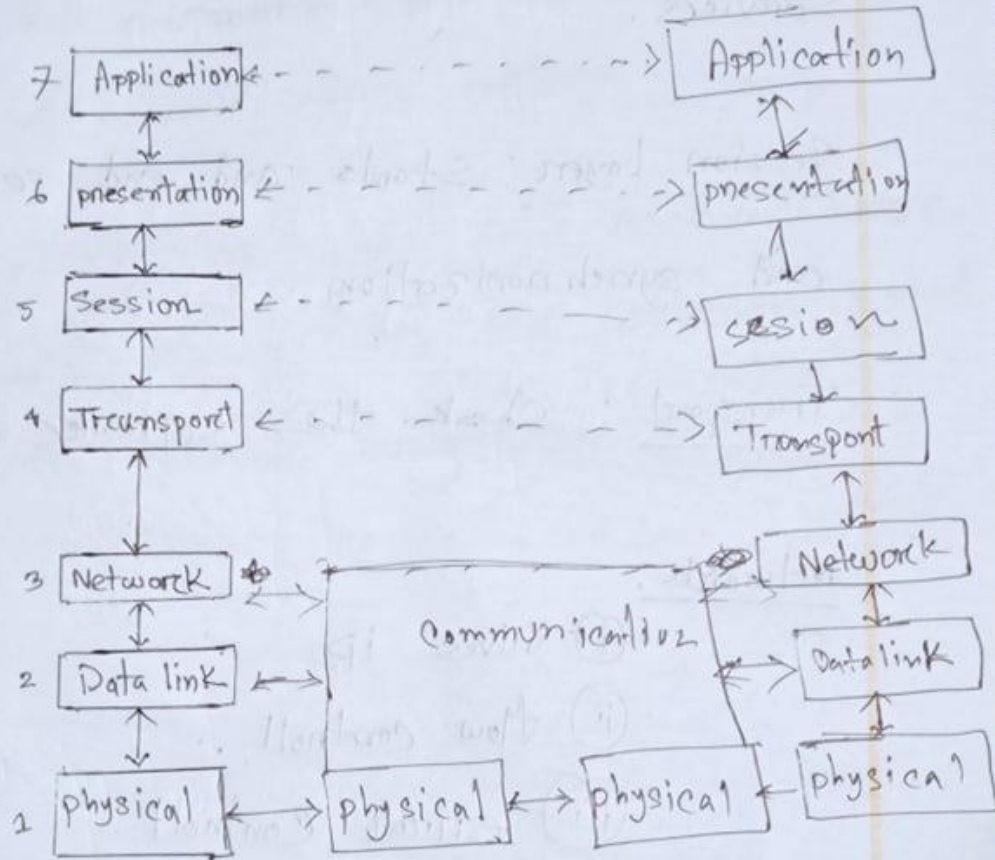
④

Name: Ahsan Anwar  
ID: 066 077 99

Batch → 66 (E)

Ans. to the ques no - 1

①



Application: 'Hi John' This is one kind of message. So the application layer use the SMTP protocol.

② presentation layer: provides encryption services.

Session Layer: Starts and end session and synchronization.

Transport: Check the sequence packets.

Network:

- (i) Gives ip
- (ii) flow controll
- (iii) error controll.

Data link layer:

- (i) provides physical address.
- (ii) ensure data is error free.

physical layer:

its responsible for transmit data. Its just communication medium.

So the sender and receiver have same thing but the receiver it start with reverse way.



Q

(b) The site address 130.15.0.0

Here needs 8 subnet

So, subnetting mask ~~130.15.224.0~~  
255.255.224.0

Subnet number	IP Range
1	130.15.0.0 - 130.15.31.255
2	130.15.32.0 - 130.15.63.255
3	130.15.64.0 - 130.15.95.255
4	130.15.96.0 - 130.15.127.255
5	130.15.128.0 - 130.15.159.255
6	130.15.160.0 - 130.15.191.255
7	130.15.192.0 - 130.15.223.255
8	130.15.224.0 - 130.15.255.255

①

not

~~It is~~ It is not possible to use the network address  $200.0.5.8/31$ . Hence two ip possible. So the network ip and broadcast ip take it. But no host can be connected here.

So, this one not possible



REDMI NOTE 9  
48MP QUAD CAMERA

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Subnet number	Subnet address	IP Range	Broadcast address	Subnet mask
1. (800)	145.15.0.0/29	145.15.0.1 - 145.15.23.254	145.15.22.255	255.255.255.0
2. (3000)	145.15.23.0/20	145.15.23.1 - 145.15.38.254	145.15.38.255	255.255.240.0
3. (620)	145.15.39.0/24	145.15.39.1 - 145.15.41.254	145.15.41.255	255.255.252.0
4. (450)	145.15.42.0/23	145.15.42.1 - 145.15.43.254	145.15.43.255	255.255.254.0
5. (150)	145.15.43.0/24	145.15.43.1 - 145.15.45.254	145.15.45.255	255.255.255.0
6. (56)	145.15.46.0/26	145.15.46.1 - 145.15.47.254	145.15.47.255	255.255.255.192
7. (44)	145.15.48.0/26	145.15.48.1 - 145.15.49.254	145.15.49.255	255.255.255.192
8. (24)	145.15.50.0/27	145.15.50.1 - 145.15.50.254	145.15.50.255	255.255.255.224
9. (56)	145.15.51.0/27	145.15.51.1 - 145.15.51.254	145.15.51.255	255.255.255.224

RENT NOT AVAILABLE

find two series nodler ne  
 address