Name! Bholanath Drs Noi Toy Roll! 22



P3) Path loss is due to attenuation of the electromagnetic signal when it travels through matter. Multipath propagation results in blurring of the received signal at the receiver and occurs when portions of the electromagnetic wave reflect off objects and ground, taking different paths be of different lengths between a sender and reciairen.

R4) a) Incheasing the transmission power b) Reducing the transmission rate. RIO) No, there wouldn't be any advantage Suppose there are two stations that want to transmit at the same time, and they both use RTS/CTS

R13) False

RIS) UMTS to asm and compa-zero

R16) The data plane role of eNode B is to forward datagram between UE and the Pan.

The mobility management entity (MME) performs donnection and mobility management on behalf of the UEs resident in the Cell it controls.



P13) Base station acts as: a wireless access point and provides radio links between mobile devices and core network

In the control plane, the base station Communicates directly with MME, and 1485.

In the data plane, the base station communicates with saw, PDN, and Cateway routers.

authentication and authorization access to selected services. Atts commonicates with MME, sun, and Paw in the control plane. In the data plane it does not communicate.

P16) MME: Main vole is to manage mobility related forctions, fike authentium and secority,

In the control plane it communicates with 1455 and SAW-

In data plane it does not communicate with other network elements.

FEB) Soucre base station; MME

p29) Before and during the handover, the mobile devices receives datagrams from Source base station. After the handover, the source base station will stop forward the source base station will stop forward datagrams to the device and instead forward day tunneled datagrams to the target base station.

- PS) a) Two APs will typically have different SSIPS and MAC address.
- b) Now if two witheless status in deffect JSP, transmit at the same time, there will not be a collision.

PB) Suppose that wineless station HI has
[000 long frames to transmit. (HI may
be an Ap that is furnarding an MP3
be an Ap that is furnarding an MP3
are to some other circless station).

Pt) PIFS + PTS+SEFS+CTS+SIFS +FRAM€+BEFS+ACK

= OTPS + 3SIFS + 1194-82 USEC

- P11) a) No
 - b) Yes
 - c) The time it takes for a roster to learn path depends on number of hops
- P12) Handover will therease end-to-end delay.