

OSI Model Byakkha (Banglay)

1. Physical Layer (Fizikal Layer)

Ei layer-e cable, wire, wifi signal-er maddhome 0 ar 1 (data) pathano hoy.

Udaharan: Apnar mobile-e internet ashe wifi ba cable-er maddhome.

2. Data Link Layer (Data Link Layer)

Data-ke frame-e vag kore ebong local device chine MAC address diye.

Udaharan: Router apnar mobile-er MAC address chine o data pathay.

3. Network Layer (Network Layer)

Data ek network theke onno network-e pathate IP address use kore.

Udaharan: Post office chithi ek shohoor theke onno shohoor-e pathay, router-er moto.

4. Transport Layer (Transport Layer)

Data-ke chhoto chhoto khonde vag kore TCP/UDP diye pathay.

Udaharan: TCP diye page harale abar chay, UDP hole ja ase tai pathay (live khela).

5. Session Layer (Session Layer)

Duita device-er modhye jogajog shuru, cholano, o sesh kore.

Udaharan: Zoom call suru, cholchhe o bondho hocche.

6. Presentation Layer (Presentation Layer)

Data encryption/decryption o format poriborton kore.

Udaharan: HTTPS website-e data encrypt hoy.

7. Application Layer (Application Layer)

User-er application jemon browser, email etadi ekhane kaj kore.

Udaharan: Apni Chrome diye Google khujchen.