Name - Yyo am Yadau Rollmo - Co20377 DON ASSIGNMENT Explain all buoto calls used in data link layer and its sublayers and bhysical dayer with its numerical explanations. A Data l'ink layer is, second layer

Of OSI Layered Model. This layer

Dis one of most complicated layer

and has complex functionalities and

liabilities. Data link layer and hider the details of underlying hardward and expresents Vitself to upper layer as midium to + Patalint layer has 2 sub-layer: Logical link conteol: It deals with

Speed tocols, flow conteol, and everon contocol. Media Access Control: It deals with actual control of media. Functionality of Datalink Layer:

Page Not __ Framming: Datalink layer tokes packed

The frame of the on into frames. Then it

sends each frame but bit on houdware. Addressing: Patalink layer provides layer?

— handware address is assumed to

the unique on the link. en and the bit are flipped. These energy allempted to ne cover a chiel data bils. + How Control: Stations on some link may

-- have dif speed on capachy

Datalink sayer sorsiers flow control that

enables both machines to exchange data some specd. 0 2 host on the shared - MultiAcces: When

Dates ____

link laires to tenanstes the data, has high puobability of collision. Patalink layer phovided me chanism such as COMA/CD to equip copability of accessing a shared media among (multiple systems. equit capability * The West and the second