mohit poshwani ng 560.7 Explain OST toyered model Ans:--This reference model is proposed by International Standard & organisation (ISD as to Standardzing the - This model is called OST

Seperance model. - The Iso-057 model defines detailed aschitecture of nietwark System Do, rue can Day it &s mainly for the reperchee to orable other model - It defines of layers architecture complete communication from one system to another & vice-Messa. of physical layer - Data link layer - network layer - Transport layer - Session laures - Application layer

mobit peshwani 49 · Features of OST models oues network is understanded through this OSI model. 2) rule see how hardware & software work together. 3) all can renderstand the oursall Concept of each beyon & it's purpose from ruhlich other protocol scuits are created. · ISO - OSI is not a petwark architecture as, it doesn't Specify exact series & protocol.

- If just tells number each layer.

should do & number of Her. the individual birs from one node to another node 1) Physical layer > lowest layer of OSI model 2 It establish, maintain & deastfuels > It speages mechanical electrical 2 produceral interpano specifi

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maket motif t perman 2) Data Link layer => This is suspensible for error-free transfer of data prames > If defines parmet of data efficient communication between fair as more devices 2 It mainly sesponsible base (unique identification) 3) Network Layer tsacking jocation of device on networks > Functions are - Internituusium - Addressing - Rewing -- podetizing 4) Bansport layer Tt sprovide seliable message delivery from

poshecini an us mohit poshwar ~ crocess to process Treensport layer is to fransfer Data computely - It PDU is get dates from upper layer & - If and header through which they manage the ersor Conto 5) session layer : The Dession layer is gised to establish manage & maintain synchronions the noteration beruely communi cating device > 78 at as dialoque control that allows communic atton between dewicer > session layers add some whick points when fransmitten the dola in sequence

mohit postuvors 6) presentation layer : It mainly concerned with syntax & sement es of Information exchange between tour system. for networks - 11's called as syptax layes 7) Application layer : An application Layers desues as a rundows: for Users & application process to access percueste Derwices. - It bundles issues such allocation, of

mohit peshwan ng Explain pata link protocols in Rrich. : (Synchromus pater link protocal) It was used to connect semost devide to mainframe foonput - It ascerbained that data units. assive carredly & with right flow. : (High level Data link protol) If provides both seliable & unreliable sesuice, It's a bit-oriented protocol that's applicable for both point - to - point & multipoint Communication = Theorial line Interface protocol This is dimple protocol Fir transmitting data work Wowen an Totesnot Lowes provides (75p) & home no

prehippes howari ng 4 (PPP/PZP) - (point to point prolocal) Lord & high speed heavy - (I'AK control protocol) Les francoission. Linus - (Moteures R control Protocol) These pascinetes are rued negotiation the parameters facilities for notwork laye heaper - level asologo P supporter