OSI Layer Model

OSI - Flagers D physical larger Bits & Handware - (Bits (9) All your nebrook calles (Voltage 3 Fiberoptic ables 2) Data-link layer - Eframe 3 - Hop to Hop delivery - Between two n/w devices the The MAC Addresses Switch is are switch Medium Access contro) 12 layer 3) Network Layer - Packet-- End to End delivery. - Hoo does a packet get from - IP address - Routers are network layer devices - They use II addresses 4) Transport Layer: -Sérvice to Service delivery. - Ports to differentiate servich. - TCP/UD? are Ly protocols one Service to the other Service SHITTP 2 Server 3 Lecliente Connections sown port no 5) Session Layer - Used to create, maintain and terminate sersors.

- Session ID-

- Session parameters.

- Session ID-Protocols: RTCP? Session-Layer gro to cols Kresentation Layer-Used to presenting can brans lating - Encoding & (Encry pton) - Encryption and data encoding Es done in the prexistation layer — TLS 1532 - Presentation layer Posts 3 Appliation Layer Sending (a) recieving application data DHITTPLS SPIP Applications use this layer 2) SMTP RDP 3) Drus to commencate with each 45 P6P3 Standard vocy of communication 5) IMAP O FTP the two applications 7) TFTP SHT173 Standard Firewall-Nebunk control ITSSIIDS - Notwork DNS -53 detrology 1X (2-DAP) (389 A) DA DHCP - 67,681 we bur josts 67 - deent 8 client server Usa Reguards Nelward tored (#S Detects attacks (Monitors, Delects, Alerts Detects, Alerts and prevents Infinite page length in one note?