Name: Purval Madhukat Bhude Roll no. 520230010193 Subject : OCW Assignment > 4. Part - I A) LAN (local Area Network) B) WLAN (Wireless local Asea Network) 9) TCP (Transportion Control protocol) d) IPTV (Internet Protocal Television 92 4 In Application layer, HTTP/s (Hyphetert transfer Platocal), GMTP (Simple mail teacher Pretocal)
Lionen we search This protocal are vold, · Next Step connection is established using TCP (Transmission contral protocol) and tile are knowlet Securely · Next step, HTTP Request is done and then seewer processing is clone, wheat that on server and HTTP sesponse is given. · lastly, correction is closed. · between this we also used SCL (Secure Brocket To theck correctility of data, Part -2 a1 -> c) 218; 212-2 \$2 - 3m=2A C) BM=7h \$3 7c) 172.16.0.0, -172.16.31.255

PL. > " Capturing Packets: - After downloading Wireshart, open to dick on notweek interfoll under Conflue to store capturers · Colour coding :- wireshort uses color to not you identify tyne oo tried traffic glight purple for TCP waffer filrering Packet: "feet There is filter". present in capture aption your can manually enter exputer filter Inspecting Packet you can use himshall to inspect suspicion totaleshoot retucarly analyze trabbic blows on Netwood. Q2 → . Capture filter It is applied before Wireshards start capturing packer It is used to Select only perchet that you are intelest interested in , ruhich som some your time and dish space. · Display filter. A display offer is applied after Whreshark has captured packet. It is used to select only the packet that your want to display in Packet list. To belter contgoing Ricket Féons a specific system. In short, et is use display to select only outgoing Packet.

Rucual Madhukar Bheide

od no - 520230010193

- Q3-) Wireshark can store captured packet in 2 poincing format
 - a) PCap: This is colder, lilepcap format.

 It is simpler feetmat and is well established but not suppost as many feature as

 Other. Pcap biles are also less compatible.
 - 6) Pearing: Ihis is telepearly and is flerible, lettersible successor to lilepear formal It support variety of feature. Such as Paintet comment, namely of is make Compatible.