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Subject :- och

Assignment Name: - Lab 1

Q1 -> Wired communication at those thed use physicalcable to transmit data. The most common type of wheel communication medium are:

twisted part cable:

This type of cable consists of two insulated copper unite that are twisted together. It is most common type of cable used for Ethernet motivosks.

Coaxial Cable:

This type of cable consists of control copper Conductor Surrounded by layer of insulation, a braided metal Shield, and owner spaker. It is often used in cable Type filter coptic cable:

This type of cabb uses light stagnad to transmit data. It is faistest type of wited communication medium, and is after used for long-distance network and high - bandwidth applications.

Wireless ecommunication and unit data these that donot use physical souls to thousand data thereof, uses cleaternagnetic values to send and value treceive data

Radio weres:

It is used for basiety top wireless communication including AM, VM tadio, cell phone to.

Infrated:

It is used for short-large wireless communications. Such as ramate control, etc.

Bluetocath.

21 is short torgo unteless technology that is used to connect devices such as smartphone, leptop, etc.

· Wifi:

It is technology which uses todio woulds
to connect devices to internet.

Q2 >

A Retsonal Area Network (PAN) is Computer & Network for interconnecting electronic devices cuithin individual person's workspace. The longe Of PAN is typically up to 10 meters PAN's cure typically used to connect obvices such as laptops, talelets, printers, etc.

It can be connected to each other using:

- " Wired: USB, fixelettre, thurderbalt.
- · Wireless: Blutowth, Wife, otc.

PAN are used for workiets of purpose:

· file Shaving:

PAN'S con he used to share file between clevices, such as transfloring a document from laptcep to smartphone.

PAN'S can be used to connect printer to a computer cer mæleile clerices, allowing users to print clocument wirelessly.

PAN's con he used to connect devices fook entertainment purpose such as strooming violeto, playing multiplanter games.

PAN's are voltratile and considered way to Connect classes and shall data. They are used in wide variety of settings, from homes and offices to school and haspital.

PAN'S are essential part of Our modern world and people of all ages and background. They note it possible for us to Stry connected and productive.

- Q3 -> Pingplotter is network troubleshooding-tool
 that helps identify source of notwork.
 - 1) select target is input starget IP Or dorrown
 - 2) configure monituring: Set monthcering options like plng intervals.
 - 3) Stout test :- Begin monitoring to eallest data
 - 4) Analyze trace recette: Examine graphical trace lautes & waters tops + with high latercy or packet loss (7.).
 - 5) startity Check west :- Resolve St address to nost for more information.

6) Contact ISP of Netwoods admits:

A problem with ISP, provid ping platter

doct a to request cusistance.

7) monitor and combines:

Keep monitoring to issue resolution.

Modern School and Mosquit of

face WWW. 20 mate. Com 10.168-252.137 1218.7 115.247.86.125, 163.2 13.2 120.0 BUA STORY 10.71 1227 3.5 run cur PLY.

5 707 mw.m. subject on

10-119-78.122

Aug Pin- aux Ply-1430 19.7 16.22 1.7 142-9 34.1 121-1 0-9

