23 08 23 Computer Network : Date: ____ Page nor_____ A computer Network is a set of devices connected through links. a node can be computer, perinter or any other devices capable of Sending or exercising the data. The link Connecting the notes are trover as C.N uses distributed processing in which task is divided among several com instead a singal en computer handles an entire task, each separate com. handles a subset. Server Computer Vetwoork client 3 Client N * Computer Networks

The dim of CN 25 the sharing resources among various devices. · Advantages & disadvantages of C.N. => Advantages => Disadentages 1) It allows enchanging 1) Expensive for data & info ble users. Connection of Com. il Communication is ij Not Safe from easy and fast. hackers & crakers in shoring of how a in Required special other resources technical knowledge 4 in Pary for backup Skills to operate. 1) National interface cord - NIC is a downer that helps the com that helps the com to communicate with another device. The NIC contains how access. the data link layer Photocol use this address to ?dentify the system on the network so that it transfer the data in the correct destination => Theore are 2 types of NIC · Wireless NIC => All the modern laplops use the chiroless NIC. in Wireless NIC, a connection is made to leving the antenna that employs the radio Wate technologies.

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· Wierad NIC - Cables use the Wired NIC to transfor the data over the medium 201 Hub => Hub is a Central device that split the notwork connection into multiple device. When como requets 1091 the hub. hub distributes this request to the interconnected com. By Schritches > Switch in a notworking device that group all the deveres over the network to transfer the data to another derice. Switch is better the Lab it does'it broadcast the message over the natural. Therefore, we can say that switch sends the message directly from source to destitute 1 41 Router of Router is a device that connects mainly used to connect the distinct notward or connect the internet to multiple com 51 Modern = Modern Connects the Com. to the intent over the ent existing telephone line. A

com. motherboard. a modern is separate fait of Past found en motherboard. Grables and connections - cooles is toanshission media that transmits the communication Signals. · There ares type of Cables: is Twisted pain Cable & high -speed Cable toansmits data over 1 ches or more ii) Coarial Cable 7 Caariel Cable Desembles like TV Enstallation Cable. more enpansine then Tuested | high speed iii) Fibere opti cable -> FOC is high -speed. agas toll much Cable that transmits the data using light beam. it provides high data Transmission speed as compared to other Cable. more expensives the other, soft is installed at government level.

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Date: / / Page ner i) Resource sharing
ii) Server-client model in communication medium IV E - commerce I bussines app. Home app, mobile user, En user