Name + Alpert Ramola Roll no -> 2001020 Student id -> 2071111 6 Course -> mcA 2 B Subject & Computer Networks Ques (1) Problem Statement of Phere is an Organization A with multiple departments Design a network for the MR department and size of the department is 10 users. Also show the communication blw uses number I and number s of the network. Objective + Need to Create a vintual LAN Step 6 environment in cisco Packet traces that will show Communication between 2 users. Steps + Step 13 we will place notes first Organization A HR department and wes 1 to wes 10 Steps 1 Add Rower and also add switch and connect them both at the top. Add to machine named from PCO to PCS and connect all machine to switch. Stepy Assign IP address to every machine Step 4 + 5(a) In our care we will assign IP 192. 168. 1.1 to PCO and IP 192. 168. 15

to PCA which is user 5 Now there are 2 ways to verify the connection blw 2 users network.

First method -) By pinging by its system 12 and if reply corners so its working state. Second method 1 By sending PDU packets from 1 to User 5. till can now see both system are getting pinged through It or other system and me also being sent to both system. Step 67 Step 7) Mence, une are able to communicate blue 2 users uner 1 & users on MR department Alpert



