Problem Solving Skill: cis How would you approach 9. (Sii) How many approaches can you think of 9 (Cili) Why do you doose that apphoach only ? * Flow Charts -> Draw a flow chart to switch on the green light after 90 s. StaAnt for 90 s Wait Switch on the gheen light

end

Dhaw a flow chart that stants the green light after 15s of stanting the phogham. Then wait toh 30s and then switch off Green light and stant Red light. stast wait for 155 Stant Green Light wait for 30 s switch off gheen light and Stant red light.

End

2. Draw a flow chart for the program that controls the traffic lights of a cross road. The functions of the programs are as below:

First, the Green light starts and is kept on until all the vehicle passes away. It takes 25s. Then the orange light starts instead of green and remains on for next 5s so that the next drivers can slow down. After the orange light turns off, the red light goes on and stays on till the next 90s so that the traffic from other three sides of the cross road can move one by one. This process keeps on repeating the entire day.

5tant stant the Gheen Light < wait for 253 Tunn Greenlight off and start the change light wait for 55 Turn Orange light off and Red light on.