- 1) R1: 2x0.2 (3 + 2 x0.3/5 + 2x0.5/2 = 0.753h

 R2: 1.8 x0.4/3 + 1.8 x0.4/5 + 1.8 x 0.4/2 = 0.672h

 R3: 3-140.5/3 + 3-140.4/5 + 3-1x0.1/1 = 0.92h

 So Pick Route 2
- $P_{11} = R_1 + 0.340.75 = 0.978h$ $P_{22} = 0.672 + 0.6 \times 1 = 1.272h$ $P_{33} = P_{3} = 0.92h$ So Pick Route 3
- 3) Yes, it is helpful

 So if the satelite finds the Route 3 is smooth,

 T= 3.1/5=0.6>h.

Min C R11. R221-T= 0.358h.

So 0.358h is the time we want to wait for the information

4) it doesn't solve it correctly, the logic is correct but the calculation is wrong.