

Q1) 15 points, 5 points each

The first event starts with time stamp 1

a) e(1), m(6)

b) a and b are concurrent with e

c) all events except h (a, b, c, d, e, f, g, i, j, k)

Q2) 10 points, 5 points each

o(5,4,0,3)

p(6,4,6,3)

Q3) 10 points

The RTT has a positive relation with worst clock skew. Therefore, choose the smallest RTT to achieve best accuracy.

Set clock to $06:23:25.345 + 0.045/2 = 06:23:25.3675$ (rounded up is also fine: 06:23:25.368)