1.

201:(16, 148) (8, 162) (8, 177) (4, 183) (2, 192) (1, 197) (1, 200)
202:(16, 148) (8, 162) (8, 177) (4, 183) (2, 192) (2, 200) (1, 202)
203:(16, 148) (8, 162) (8, 177) (4, 183) (2, 192) (2, 200) (1, 202)
204:(16, 148) (8, 162) (8, 177) (4, 183) (2, 192) (2, 200) (1, 202)(1,204)
205:(16, 148) (8, 162) (8, 177) (4, 183) (2, 192) (2, 200) (1, 202)(1,204)
206:(16, 148) (8, 162) (8, 177) (4, 183) (4, 200) (2,204)(1,206)
207:(16, 148) (8, 162) (8, 177) (4, 183) (4, 200) (2,204)(1,206)
208: (8, 162) (8, 177) (4, 183) (4, 200) (2,204)(1,206)(1,208)
209:(8, 162) (8, 177) (4, 183) (4, 200) (2,204)(1,206)(1,208)
**210:(8, 162) (8, 177) (4, 183) (4, 200) (2,204)(2,208)(1,210)**

2.

(1)
Cosine sim(u1,u2)
= u1.u2 = 2*3-1*3
/ |u1|*|u2| = √3^2+(-1)^2 *√2^2+(-1)^2+3^2
= 3/（√10*√14 ）
= 0.2535
Cosine sim(u1,u3)
= u1.u3 = 3*3 - 1*1
/ |u1|*|u2| = √3^2+(-1)^2 *√3^2+(3)^2+1^2
= 8/ （√10*√19 ）
= 0.5804

0.5804 > 0.2535
u3 has more similar taste with u1
(2)

R(u1,m2)
= {s(u1,u2)*R(u2,m2)+s(u1,u3)*R(u3,m2)}/ s(u1,u2)+s(u1,u3)
=0.2535*-1+0/(0.2535+0.5804)
=-0.308
R(u1,m3)
= {s(u1,u2)*R(u2,m3)+s(u1,u3)*R(u3,m3)}/ s(u1,u2)+s(u1,u3)
=0.5804*3/(0.2535+0.5804)
=2.113

R(u1,m2) < R(u1,m3)

So I would like to recommend m3.