

Soal 1

$$1. P_{x1} = 213, 80, 155$$

$$\begin{aligned} &= (0,2989 \times 213) + (0,5876 \times 80) + (0,1190 \times 155) \\ &= 63,4859 + 46,96 + 17,67 \\ &= 128,12 \end{aligned}$$

$$2. P_{x2} = 211, 200, 155$$

$$\begin{aligned} &= (0,2989 \times 211) + (0,5870 \times 200) + (0,1130 \times 155) \\ &= 63,3979 + 117,40 + 17,67 \\ &= 192,19 \end{aligned}$$

$$3. P_{x3} = 213, 222, 12$$

$$\begin{aligned} &= (0,2989 \times 213) + (0,5870 \times 222) + (0,1190 \times 12) \\ &= 63,4857 + 130,314 + 13,68 \\ &= 195,51 \end{aligned}$$

$$P_{x4} = 24, 60, 122$$

$$\begin{aligned} &= (0,2989 \times 24) + (0,5870 \times 60) + (0,1180 \times 122) \\ &= 7,1736 + 35,22 + 13,908 \\ &= 56,30 \end{aligned}$$

$$P_{x5} = 153, 155, 154$$

$$\begin{aligned} &= (0,2989 \times 153) + (0,5870 \times 155) + (0,1190 \times 154) \\ &= 45,2217 + 95,985 + 17,556 \\ &= 154,22 \end{aligned}$$

$$P_{x6} = 15, 25, 155$$

$$\begin{aligned} &= (0,2989 \times 15) + (0,5870 \times 25) + (0,1190 \times 155) \\ &= 4,4835 + 14,675 + 17,64 \\ &= 40,81 \end{aligned}$$

$$P_{x7} = 212, 9, 19$$

$$\begin{aligned} &= (0,2989 \times 212) + (0,5870 \times 9) + (0,1190 \times 19) \\ &= 63,3668 + 5,283 + 2,166 \\ &= 69,46 \end{aligned}$$

$$P_{x8} = 8, 8, 100$$

$$\begin{aligned} &= (0,2989 \times 8) + (0,5870 \times 8) + (0,1190 \times 100) \\ &= 2,3912 + 4,696 + 11,9 \\ &= 19,10 \end{aligned}$$

$$P_{x9} = 143, 100, 123$$

$$\begin{aligned} &= (0,2989 \times 143) + (0,5870 \times 100) + (0,1190 \times 123) \\ &= 42,2327 + 58,7 + 14,022 \\ &= 115,98 \end{aligned}$$