

Jawab

$$\begin{aligned} 1. \text{ Current yield} &= \frac{\text{penghasilan bunga tahunan}}{\text{harga pasar obligasi}} \\ &= \frac{8\% \times 1 \text{ juta}}{700.000} \\ &= 0,114 \end{aligned}$$

$$\begin{aligned} 2. \text{ PV} &= \frac{68.750}{(1+0,10)^1} + \dots + \frac{68.750}{(1+0,10)^{17}} + \frac{1000000}{(1+0,10)^{17}} \\ &= 551.481,81 + 197.844,67 \\ &= 749.326,48 \end{aligned}$$

$$\begin{aligned} 3. \text{ a) } 250 \times 38.500 &= \text{Rp. } 9.625.000 \\ 250 \times 3.250 &= \text{Rp. } 812.500 \\ &= \text{Rp. } 10.437.500 \end{aligned}$$

$$\text{b) } \frac{812.500}{0,08} = \text{Rp } 10.156.250 \text{ (jadi akan membeli saham)}$$

$$\begin{aligned} 4. \frac{2.500 (1+0,105)}{0,105} \\ &= \frac{2.763}{0,105} \\ &= 26.314 \end{aligned}$$

$$\begin{aligned} \text{a) } 26.314 - 23.000 \\ &= 3.314 \end{aligned}$$

$$\begin{aligned} \text{b) } \frac{2.500 (1+0,105)}{(0,17 - 0,105)} \\ &= \frac{2.763}{0,065} \\ &= 42.500 \end{aligned}$$

Kesimpulannya saya akan membeli saham tersebut